

1958

CENSUS OF MANUFACTURES

VOLUME I

SUMMARY STATISTICS

UNITED STATES CENSUS OF MANUFACTURES: 1958

VOL. I

SUMMARY STATISTICS

**Subject Matter Summaries of Statistics
for Industries and Geographic Areas**

Prepared under the supervision of
MAXWELL R. CONKLIN
Chief, Industry Division



U.S. DEPARTMENT OF COMMERCE
Luther H. Hodges, Secretary

BUREAU OF THE CENSUS
Richard M. Scammon, Director (From May 1, 1961)
Robert W. Burgess, Director (To March 3, 1961)



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

Richard M. Scammon, *Director*

A. ROSS ECKLER, *Deputy Director*
HOWARD C. GRIEVES, *Assistant Director*
CONRAD TAEUBER, *Assistant Director*
HERMAN P. MILLER, *Special Assistant*
GLEN S. TAYLOR, *Special Assistant*
MORRIS H. HANSEN, *Assistant Director for Research and Development*
JOSEPH F. DALY, *Chief Mathematical Statistician*
JULIUS SHISKIN, *Chief Economics Statistician*
CHARLES B. LAWRENCE, JR., *Assistant Director for Operations*
C. F. VAN AKEN, *Special Assistant*
WALTER L. KEHRES, *Assistant Director for Administration*
CALVERT L. DEDRICK, *Chief, International Statistical Programs Office*
A. W. VON STRUVE, *Public Information Officer*

Industry Division—Maxwell R. Conklin, *Chief*
Owen C. Gretton, *Assistant Chief, Program Development*
Jack L. Ogus, *Assistant Chief, Research and Methodology*
Louis J. Owen, *Assistant Chief, Production and Process Statistics*
Irving Rottenberg, *Assistant Chief, Economic Research*
Willis K. Jordan, *Chief, Foods, Textiles, and Apparel*
Cyril M. Wildes, *Chief, Wood Products and Chemicals*
Clarence H. Olsen, *Chief, Metals, Machinery, and Equipment*

Economic Operations Division—M. D. Bingham, *Chief*
Irving Weiss, *Assistant Chief, Processing*
Sol Dolleck, *Assistant Chief, Systems*

Administrative Service Division—EVERETT H. BURKE, *Chief*
Agriculture Division—RAY HURLEY, *Chief*
Budget and Management Division—CHARLES H. ALEXANDER, *Chief*
Business Division—HARVEY KAILIN, *Chief*
Construction Statistics Division—SAMUEL J. DENNIS, *Chief*
Data Processing Systems Division—ROBERT F. DRURY, *Chief*
Decennial Operations Division—MORTON A. MEYER, *Chief*
Demographic Surveys Division—ROBERT B. PEARL, *Chief*
Field Division—JEFFERSON D. MCPIKE, *Chief*
Foreign Trade Division—J. EDWARD ELY, *Chief*
Geography Division—WILLIAM T. FAY, *Chief*
Governments Division—JOSEPH F. ARBENA, *Acting Chief*
Housing Division—DANIEL B. RATHBUN, *Chief*
Personnel Division—JAMES P. TAFF, *Chief*
Population Division—HOWARD G. BRUNSMAN, *Chief*
Statistical Methods Division—JOSEPH STEINBERG, *Chief*
Statistical Reports Division—EDWIN D. GOLDFIELD, *Chief*
Statistical Research Division—WILLIAM N. HURWITZ, *Chief*
Transportation Division—DONALD E. CHURCH, *Chief*

LIBRARY OF CONGRESS CARD NO. A61-9403

This volume comprises the Subject Reports, Series MC58(1), of the 1958 Census of Manufactures.

SUGGESTED CITATION

U.S. Bureau of the Census. *U.S. Census of Manufactures: 1958*
Vol. 1, Summary Statistics
U.S. Government Printing Office, Washington, D.C., 1961

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.,
or any of the Field Offices of the Department of Commerce. Price \$5.75

PREFACE

This is one of a series of volumes presenting final results of the 1958 Census of Manufactures. As for earlier censuses, the 1958 census was a large-scale undertaking which depended upon significant contributions from numerous public and private organizations and individuals. Basic to the census was the excellent cooperation of some 300,000 manufacturing establishments in completing the appropriate report forms. Also important to the conduct of the 1958 Census of Manufactures was the cooperation of the Bureau of Old-Age, Survivors, and Disability Insurance and the Internal Revenue Service in permitting use of certain records, thus making possible a material reduction in the cost of conducting the census.

The advice of trade associations, individual manufacturers, Government agencies, and research and marketing organizations was most valuable in determining the content of the reports and in developing techniques for minimizing the burden of reporting. Also noteworthy was the assistance of the Advisory Council on Federal Reports, which through special panels of industry experts advised on the feasibility of collecting various types of data. Timely publicity was given to the census by Chambers of Commerce, the National Association of Manufacturers and other business groups, trade papers, local newspapers, and television and radio stations.

The 1958 Census of Manufactures was conducted under the direction of Maxwell R. Conklin, Chief, and Owen C. Gretton, Assistant Chief, of the Industry Division. Within the Industry Division this responsibility was shared along industry lines by the following individuals who also contributed significantly to the entire census program: Willis K. Jordan, Foods, Textiles, and Apparel; Cyril M. Wildes, Lumber, Paper, and Chemicals; and Clarence H. Olsen, Metals, Machinery, and Equipment. Irving Rottenberg was responsible for the concepts and definitions of establishment-type data and for computer specifications for editing and tabulating the data. Jack J. Gottsegen developed the criteria for selecting commodity and material items in the output and input inquiries and for the standards for processing these data. Jack L. Ogus was responsible for the statistical methods and sampling used in the census.

The application of the system of the industrial classification of establishments was coordinated by Irvin Strauss in the later stages of the census and by Isidore Bogdanoff during the earlier period. Staff coordination on various phases of the processing of the establishment-type statistics and the preparation of the area and selected subject reports was the responsibility of Arthur W. Horowitz. The preparation of the final manuscript for printing was the responsibility of Angela R. Daly. Other staff area members whose contributions are deserving of special mention are: Donald F. Clark, William I. Karr, Peter R. Ohs, Edward K. Ricketts, and Robert Torene.

In the commodity areas of the Industry Division, staff statisticians developed the report forms for the various industries, reviewed the problem reports and tabulations, and prepared the industry texts that accompanied the data. These areas and those in charge are: Foods, Edward A. Robinson; Textiles, Milton Eisen; Apparel, Shirley Kallek; Lumber and Furniture, Elmer S. Biles; Paper, Printing, and Publishing, Edward D. Gruen; Chemicals, Reese R. Morgan; Metals and Metal Products, Paul F. Berard; Machinery, William R. Gray; and Electrical Machinery and Transportation Equipment, Bernard P. Bernsten. The names of supporting statisticians in the commodity areas that made significant contributions are shown in the introductory portion of the 80 industry reports which were published separately prior to their assembly into the Industry Volume.

Processing of the reports was performed in the Economic Operations Division under the supervision of Irving Weiss, Assistant Chief, Processing, assisted by Max E. Van Horn, for the Washington operations, and Charles Merzel, Donald E. Young, Wesley R. Grier, and Bernard M. Kinney for operations in the Census Operations Office in Jeffersonville, Indiana. Systems and procedures were developed under the supervision of Sol Dolleck, Assistant Chief, Systems, assisted by Samuel Schweid, for Methods Evaluation and Determination; Jack Margolis, for Liaison and Systems Development; Nathan Lesowitz, aided by Carl Mueller, for development and preparation of procedures; and Jack Scharff, aided by Eugene L. Wendt, Mary H. Johnson, and Duryee Van Wagenen, for development and supervision of electronic computer programming. Quality control plans and procedures were developed and supervised by Herman H. Fasteau, assisted by George Minton, Alfred J. McKeon, and Ruth H. Mills. Scheduling, progress reporting, and related staff work were supervised by Wilbur J. Mathias and Margaret R. Rommel.

In the Data Processing Systems Division, Rudolph M. Micol and James W. Shores supervised the scheduling and operation of electronic equipment; Edgar D. Morgan and William M. Gaines supervised equipment engineering and maintenance, and Mrs. Dorothy P. Armstrong supervised general-purpose computer programming activities, Joseph S. Pewterbaugh and Emil Gorgovits developed techniques and procedures relating to the machine tabulation phases; and Frank McGrath, assisted by Emma Gass, supervised the card punching.

Staff members in other divisions and offices of the Bureau also contributed to the various phases of the census. Robert Klove, Assistant Chief of the Geography Division, assisted by Robert P. Condon and Alford Archer, supervised the preparation of the maps and charts. Robert H. Brooks, Chief, Graphics Branch, Administrative Service Division, was responsible for the preparation of copy for reproduction. Sheldon M. Klein, Chief, and Ingrid L. Millison, of the Presentation Practices Branch, Statistical Reports Division, reviewed text material and table forms and assisted on publication problems. Harold T. Goldstein, of the Office of the Chief Economic Statistician, was responsible for the review of manufacturing industry coding manuals and for coordinating coding concepts with those followed in the Business and Minerals Industries fields. Robert D. Krook, Executive Officer, Census Operations Office at Jeffersonville, Indiana, was responsible for the phases of the processing operations performed there.

December 1961.

1958 CENSUS OF MANUFACTURES FINAL REPORTS

Volume I: SUMMARY STATISTICS

Chapter

- I. General Summary
- II. Size of Establishments
- III. Type of Organization
- IV. Manufacturers' Inventories
- V. Expenditures for Plant and Equipment
- VI. Fuels and Electric Energy Consumed

Chapter

- VII. Selected Materials Consumed
- VIII. Selected Metalworking Operations
- IX. Selected Costs and Book Value of Fixed Assets
- X. Distribution of Manufacturers' Sales
- XI. Industrial Water Use

SPECIAL REPORTS: Manufacturing Activity in Government Establishments, Series MC58(S)-1 (also appears in all three Volumes)

Location of Manufacturing Plants, by Industry, County, and Employment Size,
Series MC58(S)-2.1—MC58(S)-2.9

Chapters I—XI also issued as separate reports in Series MC58(1)

Volume II: INDUSTRY STATISTICS

Separate chapters for each of 80 groups of related industries. These chapters include, for approximately 430 individual industries, statistics on detailed product shipments and materials consumption in terms of quantity and value, cost of fuels and electric energy, value added by manufacture, employment, payrolls, inventories, and capital expenditures.

Selected statistics are included for earlier census years. The 1958 statistics are based on the revised Standard Industrial Classification (July 1957 edition). Also included in this volume is a general summary chapter and separate summary chapters for each of the 20 major industry groups. (The 80 industry group chapters were issued as separate reports in Series MC58(2)-20A—MC58(2)-39E.)

Volume III: AREA STATISTICS

Separate chapters for each State, the District of Columbia, and Alaska and Hawaii. Statistics for standard metropolitan statistical areas, counties, and cities, and States by industry with cross-classification by industry groups for important standard metropolitan statistical areas and larger counties. These statistics

are based on the revised Standard Industrial Classification (July 1957 edition). Also included in this volume is a summary chapter for each of the nine geographic divisions. (The area chapters were issued as separate reports, Series MC58(3)-1—MC58(3)-51.)

1958 CENSUS OF MINERAL INDUSTRIES FINAL REPORTS

Volume I: Summary and Industry Statistics

Volume II: Area Statistics

1958 CENSUS OF BUSINESS FINAL REPORTS

Volume I: Retail Trade—Summary Statistics

Volume II: Retail Trade—Area Statistics

Volume III: Wholesale Trade—Summary Statistics and Public Warehousing

Volume IV: Wholesale Trade—Area Statistics

Volume V: Selected Services—Summary Statistics

Volume VI: Selected Services—Area Statistics

Volume VII: Central Business District Reports

CONTENTS

INTRODUCTION

	Page		Page
1. Historical Note.....	1	17. Cost of Materials, Etc., Consumed.....	10
2. Publication of the 1958 Census Results.....	2	18. Individual Materials Consumed.....	11
3. Significance of the Manufacturing Sector of the Economy.....	2	19. Value of Shipments.....	11
4. Definition of Manufacturing Industries.....	2	20. Individual Products.....	12
5. The New Standard Industrial Classification.....	3	21. Classes of Products.....	12
6. Definition of Establishment.....	4	22. Duplication in Cost of Materials and Value of Products.....	12
7. Industry Classification of Establishments.....	5	23. Value Added by Manufacture.....	13
8. Geographic Areas.....	6	24. Value Added and National Income.....	13
9. The Census Report Forms.....	7	25. Inventories.....	13
10. Supplemental Surveys Conducted as Part of the Census of Manufactures.....	8	26. Expenditures for Plant and Equipment.....	14
11. Development of the Mailing List.....	8	27. Fuels and Electric Energy.....	15
12. Completeness of Coverage.....	9	28. Selected Metalworking Operations.....	15
13. Manufacturing Employees--Classifications Used.....	9	29. Selected Equipment Data.....	16
14. Manufacturing Employees--Average Employment.....	9	30. Special Departmental Reports.....	16
15. Manufacturing Employees--Payrolls.....	10	31. Plant Specialization Data.....	16
16. Production and Related Worker Man-Hours.....	10	32. Imputation of Data.....	16
		33. Confidentiality of Data for Individual Companies.....	17
		34. Abbreviations.....	17

GENERAL SUMMARY

Table

1	General Statistics for Operating Manufacturing Establishments in the United States: 1958 and Earlier Years..	1-3
2	Manufacturing Employment in the United States: 1958 and 1954.....	1-4
3	General Statistics for Operating Manufacturing Establishments, by Industry Groups and Industries: 1958 and 1954.....	1-6
4	Detailed Statistics for All Operating Manufacturing Establishments in the United States, by Major Industry Group: 1958.....	1-25
5	Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954.....	1-28
6	General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years.....	1-44

SIZE OF ESTABLISHMENTS

1	Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size: 1958, 1954, and 1947.....	2-2
2	Percent of Total Manufacturing Activity, for Selected Statistics, by Establishment Employment Size: 1958, 1954, and 1947.....	2-2
3	Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958.....	2-3

TYPE OF ORGANIZATION

1	Selected Statistics for Operating Manufacturing Establishments by Type of Operation and Legal Form of Organization: 1958, 1954, and 1947.....	3-2
2	Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958.....	3-3

MANUFACTURERS' INVENTORIES

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957....	4-2
--	-----

EXPENDITURES FOR PLANT AND EQUIPMENT

1	Manufacturers' Expenditures for Plant and Equipment: 1958 and Earlier Years.....	5-3
2	Manufacturers' Expenditures for Plant and Equipment, by Major Industry Group: 1958.....	5-4
3	Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954.....	5-5
4	Manufacturers' Expenditures for Plant and Equipment, for Divisions and States: 1958 and Earlier Years.....	5-14
5	Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958.....	5-17

FUELS AND ELECTRIC ENERGY CONSUMED

Table		
1	Fuels and Electric Energy Used in the Manufacturing Industries: 1958 and Earlier Years.....	6-6
2	Fuels Used for Heat and Power and as Raw Materials in the Manufacturing Industries: 1958 and 1954.....	6-7
3	Fuels and Electric Energy Used, by Major Industry Group, 1958 and 1954, and by Individual Industries, 1958.....	6-8
4	Fuels and Electric Energy Used in the Manufacturing Industries, by Divisions and States: 1958 and 1954...	6-26
5	Fuels and Electric Energy Purchased, for States, by Selected Major Industry Groups: 1958.....	6-30

SELECTED MATERIALS CONSUMED

FOODS.....		7-7
1A	Selected Grains Consumed by Specified Industries: 1958 and 1954.....	7-8
1B	Wheat Flour and Semolina Durum Flour Consumed by Specified Industries: 1958 and 1954.....	7-8
1C	Refined Sugar (Cane and Beet--206011) Consumed by Specified Industries: 1958 and 1954.....	7-9
1D	Dairy Products Consumed by Specified Industries: 1958 and 1954.....	7-9
1E	Finfish, Round (091211), Consumed by Specified Industries: 1958 and 1954.....	7-9
2A	Number of Animals Slaughtered in Establishments Classified in Industry 2011, Meat Packing Plants, by Divisions and States: 1958 and 1954.....	7-10
2B	Weight and Cost of Animals Slaughtered in Establishments Classified in Industry 2011, Meat Packing Plants, by Divisions and States: 1958 and 1954.....	7-11
2C	Weight and Cost of Poultry Killed in Establishments Classified in Industry 2015, Poultry Dressing Plants, by Divisions and States: 1958 and 1954.....	7-13
2D	Selected Grains Consumed by Divisions and States: 1958.....	7-14
2E	Grain Mill Products Consumed by Divisions and States: 1958 and 1954.....	7-16
2F	Feed Materials Consumed by Divisions and States: 1958 and 1954.....	7-18
2G	Refined Sugar (Cane-Beet) and Shortening Consumed by Divisions and States: 1958 and 1954.....	7-19
2H	Green Coffee (011251) Consumed by Divisions and States: 1958 and 1954.....	7-20
2I	Finfish, Round (091211) Consumed by Divisions and States: 1958 and 1954.....	7-20
2J	Dairy Products Consumed by Divisions and States: 1958.....	7-21
TEXTILES.....		7-22
1A	Consumption of Raw Cotton (011161) by Industries, Divisions, and States: 1958.....	7-23
1B	Consumption of Man-Made Fiber Staple (282511) on the Cotton Systems, by Industries, Divisions, and States: 1958.....	7-24
1C	Consumption of Linters (288117) by Type of Consumer: 1958.....	7-24
1D	Consumption of Broad-Woven Fabrics (Piece Goods) by Selected Industries: 1958.....	7-25
PULPWOOD, WOOD PULP, PAPER AND BOARD, AND NEWSPRINT.....		7-27
1	Newsprint (261211) Consumed by Specified Industries: 1958 and 1954.....	7-28
2	Newsprint Consumed by Publishing Industries, by Divisions and States: 1958.....	7-29
CHEMICALS, FUEL MATERIALS, AND RUBBER.....		7-30
1A	Purchased Fuels Converted to Other Fuel Forms by Specified Industries: 1958 and 1954.....	7-31
1B	Purchased Fuels Consumed as Raw Materials by Specified Industries: 1958 and 1954.....	7-31
1C	Sulfur (Native and Recovered) and Pyrites Consumed by Specified Industries: 1958 and 1954.....	7-31
1D	Sulfuric Acid (281111) Consumed by Specified Industries: 1958 and 1954.....	7-32
1E	Chlorine (281211) Consumed by Specified Industries: 1958 and 1954.....	7-32
1F	Sodium Hydroxide (281221) Consumed by Specified Industries: 1958 and 1954.....	7-33
1G	Sodium Carbonate (281231) Consumed by Specified Industries: 1958 and 1954.....	7-33
1H	Ammonia (281931) Consumed by Specified Industries: 1958 and 1954.....	7-34
1I	Nitric Acid (281925) Consumed by Specified Industries: 1958 and 1954.....	7-34
1J	Sodium Sulfate (281971) Consumed by Specified Industries: 1958 and 1954.....	7-34
1K	Purchased Rubber Consumed by Specified Industries: 1958 and 1954.....	7-35
2A	Sulfur (Native and Recovered) (147711) Consumed by Divisions: 1958.....	7-36
2B	Sulfuric Acid (281111) Consumed by Divisions and States: 1958 and 1954.....	7-36
2C	Chlorine (281211) Consumed by Divisions and States: 1958 and 1954.....	7-37
2D	Sodium Hydroxide (281221) Consumed by Divisions and States: 1958 and 1954.....	7-37
2E	Sodium Carbonate (281231) Consumed by Divisions and States: 1958 and 1954.....	7-38
2F	Ammonia (281931) Consumed by Divisions and States: 1958 and 1954.....	7-38
2G	Sodium Sulfate (281971) Consumed by Divisions and States: 1958.....	7-38
2H	Purchased Rubber Consumed in the Rubber Products Industry Group by Divisions and States: 1958 and 1954.....	7-39
METALS.....		7-40
1A	Consumption of Steel Mill Shapes and Forms by Specified Industry Groups and Industries: 1958.....	7-42
1B	Consumption of Selected Nonferrous Mill Shapes and Forms by Specified Industry Groups and Industries: 1958.....	7-48
1C	Consumption of Selected Castings and Forgings by Selected Industry Groups and Industries: 1958.....	7-52
1D	Consumption of Pig Iron and Selected Nonferrous Refinery Shapes by Specified Industry Groups and Industries: 1958.....	7-58
1E	Consumption of Selected Metal Scrap by Selected Industry Groups and Industries: 1958.....	7-60
2A	Consumption of Steel Mill Shapes and Forms by Divisions and States: 1958.....	7-62

CONTENTS

VII

Page

SELECTED MATERIALS CONSUMED--Continued

Table

METALS--Continued

2B	Consumption of Selected Nonferrous Mill Shapes and Forms by Divisions and States: 1958.....	7-64
2C	Consumption of Selected Castings and Forgings, by Divisions and States: 1958.....	7-65
2D	Consumption of Selected Nonferrous Refinery Shapes by Divisions and States: 1958.....	7-66
2E	Consumption of Selected Metal Scrap, by Divisions and States: 1958.....	7-67

	ENGINES, MOTORS, BEARINGS, ELECTRON TUBES, AND SEMICONDUCTORS.....	7-68
--	--	------

1A	Number and Cost of Internal Combustion Engines Consumed by Selected Industries: 1958.....	7-69
1B	Cost of Ball and Roller Bearings (359311) Consumed, for Selected Industries: 1958.....	7-69
1C	Number and Cost of Electric Motors and Generators Consumed, by Specified Industries: 1958.....	7-70
1D	Number and Cost of Electron Tubes (Except X-Ray) and Solid State Semiconductors Consumed, by Specified Industries: 1958.....	7-71
2A	Number and Cost of Internal Combustion Engines Consumed by Divisions and States: 1958.....	7-71
2B	Cost of Ball and Roller Bearings (359311) Consumed by Divisions and States: 1958 and 1954.....	7-71
2C	Number and Cost of Electric Motors and Generators Received from Other Establishments, by Divisions and States: 1958.....	7-72

	INDEX.....	7-74
--	------------	------

	APPENDIX - Detailed Materials Consumed and Total Cost of Materials, Parts, Supplies and Containers, by Industry: 1958.....	7-82
--	--	------

SELECTED METALWORKING OPERATIONS

1	Selected Metalworking Operations by Industry: 1958.....	8-4
1A	Coverage of Selected Metalworking Operations, by Industry: 1958.....	8-30
2	Selected Metalworking Operations by Divisions and States: 1958.....	8-31
2A	Coverage of Employment in Selected Metalworking Operations, by Divisions and States: 1958.....	8-45

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

1	Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and Depreciation and Book Value of Depreciable Assets by Industry: 1957.....	9-8
2	Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957.....	9-24
3	Sampling Variability of Selected Estimates for Industry Groups and Individual Industries.....	9-42
4	Sampling Variability of Selected Estimates for States and Industry Groups.....	9-46

DISTRIBUTION OF MANUFACTURERS' SALES, BY CLASS OF CUSTOMER

	Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958:	
	Food and Kindred Products.....	10-6
	Tobacco Products.....	10-17
	Textile Mill Products.....	10-19
	Lumber and Wood Products.....	10-25
	Furniture and Fixtures.....	10-28
	Paper and Allied Products.....	10-30
	Chemicals and Allied Products.....	10-35
	Petroleum and Coal Products.....	10-42
	Rubber and Plastics Products, NEC.....	10-44
	Leather and Leather Products.....	10-46
	Stone, Clay and Glass Products.....	10-49
	Primary Metal Industries.....	10-55
	Fabricated Metal Products.....	10-59
	Machinery, Except Electric.....	10-66
	Electrical Machinery.....	10-76
	Transportation Equipment.....	10-83
	Instruments and Related Products.....	10-88
	Miscellaneous Manufacturing.....	10-91

INDUSTRIAL WATER USE

1	Water Used by Manufacturing and Mineral Industries and Utility Electric (Steam) Generating Establishments for Water Use Regions: 1959 and 1954.....	11-8
2	Water Used and Discharged by Manufacturing Establishments, by Purpose of Industrial Use, for Industry Group and Selected Industries: 1959 and 1954.....	11-10
3	Water Used and Discharged by Manufacturing Establishments, by Source of Intake and Point of Discharge for Industry Group and Selected Industries: 1959.....	11-22
4	Water Used and Discharged by Manufacturing Establishments, by Purpose of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954.....	11-32
5	Water Used and Discharged by Manufacturing Establishments, by Source of Intake and Point of Discharge for Water Use Regions and Selected Industries: 1959.....	11-44

CONTENTS

	Page
INDUSTRIAL WATER USE--Continued	
Table	
6 Water Used by Manufacturing Establishments by Purpose of Industrial Use for States, by Industry Group: 1959 and 1954.....	11-54
7 Water Used and Discharged by Manufacturing Establishments, by Source of Intake and Point of Discharge, by States, by Industry Groups: 1959.....	11-66
8 Water Used and Discharged by Manufacturing Establishments Recirculating Water, by Purpose, Kind, and Source of Water for Industry Groups: 1959 and 1954.....	11-78
9 Water Used and Discharged by Manufacturing Establishments Recirculating Water, Number of Establishments by Purpose of Recirculation and Quantity Discharged by Point of Discharge, for Industry Groups: 1959.....	11-82
10 Water Used and Discharged by Manufacturing Establishments Recirculating Water; by Purpose, Kind, and Source of Water for Water Use Regions, by Industry Group: 1959.....	11-86
11 Water Used and Discharged by Manufacturing Establishments Recirculating Water; Number of Establishments by Purpose of Recirculation and Quantity Discharged by Point of Discharge, for Water Use Regions, by Industry Groups: 1959.....	11-92
12 Water Used and Discharged by Manufacturing Establishments Generating (Steam) Electricity, by Purpose, Kind, and Source of Intake, for Industry Groups: 1959 and 1954.....	11-98
13 Water Used and Discharged by Manufacturing Establishments Generating Electricity, by Purpose, Kind, and Source of Intake and Point of Discharge for Water Use Regions, by Industry Groups: 1959.....	11-100
14 Water Used and Discharged by Manufacturing Establishments Generating (Steam) Electricity and Recirculating Water, by Purpose, Kind, and Source of Intake, for Industry Groups: 1959 and 1954.....	11-104
15 Water Used and Discharged by Manufacturing Establishments Generating Electricity and Recirculating Water, by Purpose, Kind, and Source of Intake and Point of Discharge for Water Use Regions, by Industry Groups: 1959.....	11-106
16 Water Used and Discharged by Manufacturing Establishments Treating Discharge Water, by Source of Intake and Point of Discharge, by Industry Groups: 1959.....	11-110
17 Water Used by Utility Steam Electric Generating Establishments, by Purpose and Source of Water Intake: 1959 and 1954.....	11-112
18 Water Used and Discharged for Mineral Industries, by Water Use Regions and by Major Industry Groups: 1959 and 1954.....	11-114

SPECIAL REPORT

Manufacturing Activity in Government Establishments.....	SR-1
--	------

APPENDIX

A Notes on Comparability of 1954 and 1958 Data for Selected Industries and Industry Groups.....	A-1
B Industry Descriptions.....	B-1
C Composition of Industries in the New Standard Industrial Classification Compared with the Old SIC.....	C-1
D Census Report Forms and Punch Cards.....	D-1
E Provisions of Law Relating to Census of Manufactures.....	E-1

MAPS

Standard Metropolitan Statistical Areas: 1958.....	IX
Regions and Geographic Divisions of the United States.....	X
Standard Metropolitan Statistical Areas in the Northeastern Part of the United States: 1958.....	XI

This volume includes preprinted portions of previously published Subject Reports (Series MC58(1)-1-11). The pages of each report were numbered independently.

Revisions of data previously published in the corresponding pages of Manufactures Subject Statistics Final Reports Series MC58(1) are indicated by a symbol "r."

The map illustrates the nine census divisions of the United States, each with its constituent states and abbreviations:

- PACIFIC:** WASH., OREGON, CALIF.
- MOUNTAIN:** MONT., WYO., IDAHO, NEV., UTAH, COLO., ARIZ., N. MEX.
- WEST:** (This division is not explicitly labeled on the map but is implied by the context of the census divisions.)
- WEST NORTH CENTRAL:** N. DAK., S. DAK., MINN., IOWA, WIS., MICH., NEBR., KANSAS, MO.
- NORTH CENTRAL:** (This division is not explicitly labeled on the map but is implied by the context of the census divisions.)
- EAST NORTH CENTRAL:** OHIO, IND., ILL., KY., TENN.
- SOUTH CENTRAL:** OKLA., ARK., LA., MISS., ALA., GA.
- EAST SOUTH CENTRAL:** FLA.
- WEST SOUTH CENTRAL:** TEXAS
- SOUTH ATLANTIC:** N. C., S. C., VA., W. VA., MD., D.C., DEL.
- MIDDLE ATLANTIC:** N. Y., PA., N. J.
- NORTHEAST:** MASS., CONN., R. I., N. H., VT., N. M.
- NEW ENGLAND:** MAINE

BUREAU OF THE CENSUS

**STANDARD METROPOLITAN STATISTICAL AREAS IN THE NORTHEASTERN
PART OF THE UNITED STATES: 1958**





INTRODUCTION

CONTENTS

1. Historical Note
2. Publication of the 1958 Census Results
3. Significance of the Manufacturing Sector of the Economy
4. Definition of Manufacturing Industries
5. The New Standard Industrial Classification
6. Definition of Establishment
7. Industry Classification of Establishments
8. Geographic Areas
9. The Census Report Forms
10. Supplemental Surveys Conducted as Part of the Census of Manufactures
11. Development of the Mailing List
12. Completeness of Coverage
13. Manufacturing Employees--Classifications Used
14. Manufacturing Employees--Average Employment
15. Manufacturing Employees--Payrolls
16. Production and Related Worker Man-Hours

17. Cost of Materials, Etc., Consumed
18. Individual Materials Consumed
19. Value of Shipments
20. Individual Products
21. Classes of Products
22. Duplication in Cost of Materials and Value of Products
23. Value Added by Manufacture
24. Value Added and National Income
25. Inventories
26. Expenditures for Plant and Equipment
27. Fuels and Electric Energy
28. Selected Metalworking Operations
29. Selected Equipment Data
30. Special Departmental Reports
31. Plant Specialization Data
32. Imputation of Data
33. Confidentiality of Data for Individual Companies
34. Abbreviations

1. Historical Note

The 1958 Census of Manufactures is the twenty-sixth such census of the United States. The first census of manufactures covered 1809, and (with the exception of 1829) a census was taken at 10-year intervals in connection with the decennial census of population up to and including 1899. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939. The census was suspended during World War II, but it was resumed for 1947. Legislation enacted in 1948 provided for a Census of Manufactures every 5 years, with annual sample surveys authorized for interim years. Annual surveys of manufactures have been taken for the years 1949 through 1953 and 1955 through 1957. A census of manufactures, originally scheduled to cover 1953, was

conducted for 1954 on the basis of special legislation authorizing this change.

The 1958 Census of Manufactures was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering the United States, Alaska, Hawaii, Guam and the Virgin Islands. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico jointly with the Commonwealth Government. The statistics in this report do not include establishments in Alaska and Hawaii, which did not achieve Statehood until 1959. Reports for Alaska and Hawaii were issued separately in the series of area reports and appear as separate chapters in the Area Statistics volume.

TABLE A.--NATIONAL INCOME BY INDUSTRY DIVISION

Industry division	In billions of dollars						As percent of total					
	1929	1939	1947	1954	1956	1958	1929	1939	1947	1954	1956	1958
All industries, total.....	87.8	72.8	198.2	301.8	350.8	367.4	100.0	100.0	100.0	100.0	100.0	100.0
Manufacturing.....	21.9	17.9	58.7	91.1	109.3	103.8	24.9	24.6	29.6	30.2	31.2	28.3
Agriculture, forestry & fisheries.....	8.3	6.0	19.3	16.9	16.1	18.3	9.5	8.2	9.7	5.6	4.6	5.0
Mining.....	2.0	1.6	4.1	4.9	6.2	5.4	2.3	2.2	2.1	1.6	1.8	1.5
Contract construction.....	3.8	2.3	8.4	16.0	19.5	19.9	4.3	3.2	4.2	5.3	5.6	5.4
Wholesale & retail trade.....	13.3	12.5	37.3	50.6	58.2	61.1	15.2	17.2	18.8	16.8	16.6	16.6
Finance, insurance & real estate	12.7	7.9	15.3	29.3	32.4	37.6	14.5	10.9	7.7	9.7	9.2	10.2
Transportation.....	6.6	4.6	11.5	14.4	16.8	16.4	7.5	6.3	5.8	4.8	4.8	4.5
Communications & public utilities.....	2.9	2.9	5.1	10.8	12.7	14.2	3.3	4.0	2.6	3.6	3.6	3.9
Services.....	10.3	8.3	19.0	30.2	37.3	42.0	11.7	11.4	9.6	10.0	10.6	11.4
Government & government enterprises.....	5.1	8.5	18.6	35.9	40.4	46.6	5.8	11.7	9.4	11.9	11.5	12.7
Rest of the world.....	.8	.3	.8	1.6	2.0	2.1	0.9	0.4	0.4	0.5	0.6	0.6

Source: Department of Commerce, Survey of Current Business, July 1961, and U. S. Income and Output.

2. Publication of the 1958 Census Results

Results of the 1958 Census of Manufactures are published in three volumes: Volume I, Summary Statistics, shows comparative statistics for industries, States, and principal metropolitan areas for the more important measures of the activity of manufacturing establishments—employment, payrolls, inventories, capital expenditures, value added by manufacture, important materials consumed, etc.; Volume II, Industry Statistics, is a consolidation of reports for the 80 groups of industries and shows detailed information on individual industries and products; Volume III, Area Statistics, shows for each State and its important metropolitan areas and counties, general statistics (number of establishments, number of employees, payrolls, value added by manufacture, and capital expenditures) for each of the industries or industry groups of consequence in that State or in its smaller areas. Totals for all manufacturing are shown for all counties and for cities of 10,000 inhabitants or more. Supplemental reports, such as the Index of the Physical Volume of Production, are also included in the publication program.

3. Significance of the Manufacturing Sector of the Economy

Manufacturing is the largest of the industrial sectors in the economy. Table A shows that manufacturing accounts for approximately 30 percent of the total national income. The next largest sector, wholesale and retail trade, covers less than 20 percent.

4. Definition of Manufacturing Industries

The 1958 Census of Manufactures covers all establishments primarily engaged in manufacturing as defined in the 1957 revision of the Standard Industrial Classification (SIC) Manual. This manual, issued under the auspices of the United States Bureau of the Budget, was first published in 1939. It represented in large part a codification and updating of the classification systems previously used in the censuses. During the 1940's substantial revisions in the classification of both manufacturing and nonmanufacturing industries were issued. Further SIC revisions approved by the Bureau of the Budget were adopted in the 1954 Censuses of Business, Manufactures, and Mineral Industries, but the SIC manual was not reissued at that time. Most of the SIC revisions used in the 1954 Censuses, as well as many other changes, were subsequently incorporated into the 1957 revision after extensive joint industry-government meetings.

The SIC is the system used by all Federal statistical agencies, by most State agencies, and many private organizations. There is no other industrial classification system in widespread use, nor is there any other general purpose system that is described in detail in official manuals or other published documents. Awareness of the SIC by business analysts, executives, statisticians, research scholars, and others has grown rapidly and will continue to increase particularly in view of the adaptability of the decimal numeric system in mechanical processing.

The SIC is an industrial classification of the total economy. It divides all activities into broad industrial divisions (manufacturing, mining, retail, agriculture, etc.). It further subdivided each division into major industry groups, then into industry groups, and finally into detailed industries. The numbering system provides flexibility, permitting use of classification at various levels of detail according to the specific needs and uses desired.

The manual defines manufacturing as the mechanical or chemical transformation of inorganic or organic sub-

stances into new products. The assembly of component parts or products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfer to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. Some manufacturers in a few industries sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some service activities (enameling, engraving, etc.) are included in manufacturing when they are performed primarily for the trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer.

Two general principles apply to the SIC as a whole: All economic activities should be accounted for, and each successive decimal within a major group should provide for further breakdown within a related field. In addition, for manufactures and most other sectors the system is aimed primarily at classifying the primary activity of an individual establishment as distinguished from the firm or enterprise which might consist of more than one establishment. Also, a good deal of attention has been given, especially in the manufactures sector, to the desirability of minimum criteria for the designation of the most detailed (4-digit) industries. In order to qualify as a separate 4-digit industry the aggregate of employment or volume of activity of the establishments to be included should be of significant size. For the 1957 revision, a manufacturing industry was ordinarily required to have in excess of 3,000 employees and \$15 million value added by manufacture in order to be retained as a separate 4-digit industry; approximately twice these magnitudes were necessary for a new industry to qualify for a place in the SIC structure. Generally, the establishments included in an industry had to flow from the business structure itself; that is, the actual organization of industry as conceived of by the business community itself was an important factor.

Of course, many rather clearly defined groups of establishments are not economically important enough to meet the size criterion. These are either combined with a related larger industry or included in a "not elsewhere classified" category at the end of a 2- or 3-digit group.

Other principles or criteria are applied differentially. For the majority of the 426 manufacturing industries, the industry is defined in terms of a specific group of related products. Usually, but not always, the products are made of similar materials and by similar processes, and the producers usually compete with one another. In determining the boundaries of product defined industries, it is essential that each industry comprise a group of establishments whose output of products defining the industry (primary products) accounts for a relatively high proportion of the total shipments of the industry as well as of the total shipments of these primary products by establishments in all manufacturing industries.

Some industries are defined in terms of the processes or equipment used regardless of the final product of the establishment. A small number of industries are basically defined by material used as well as final product of the plant.

There are wide differences among industries in the extent to which the establishments classified in the industry (a) account for the total production of commodities "primary" to the industry, (b) produce products or services "belonging" to other industries, and (c) use similar materials or processes. (See paragraphs 7, 28, 29, and 30.) These variations and data limitations are not infrequently construed to be shortcomings in the classification system. This attitude mistakes the symptoms for the disease. The fact is that the limitations observed in the classification structure arise from the inherent complexity of our economic system and from the disparity among the individual producing units of which it is comprised. Any conceivable organization of economic units into classes will ordinarily show marked variations in most characteristics other than the one used as the criterion for classification.

Frequently the business world and other data users look at a group of establishments from more than one point of view. For example, modern high-speed computers are classified as office machines. This describes the purpose of the product. In a physical sense, however, such computers would be described as electronic devices. Similarly, paper bags, wooden boxes, glass bottles, tin cans, and steel barrels may all be classified as containers or they may be individually grouped with other products of similar materials such as converted paper products, wood products, glass products, etc.

No single classification system will satisfy all or even a large number of possible uses of the data to be classified. Accordingly, users of data frequently regroup detailed SIC industries into broad groupings along lines different from those in the SIC 2- and 3-digit categories. The Federal Reserve Board for many years has made combinations to stress such criteria as durable, nondurable, consumers, producers, finished, intermediate goods, etc. Other public and private agencies also recombine the detailed classes. By and large, the 4-digit industries are susceptible to allocation to such categories, while the 2-digit SIC groups are not.

The following types of activities, while having many of the characteristics usually found in manufacturing, are defined as nonmanufacturing by the SIC, and, therefore, are excluded from the census:

(a) Processing on farms when the raw materials are grown on the farm and the manufacturing activities (poultry dressing, milk and butter production, logging) are on a small scale without extensive use of paid labor. Also custom milling, cotton ginning, and similar activities.

(b) Mineral preparation such as the crushing, screening and concentrating of ores. However, mining performed as a secondary activity in conjunction with manufacturing is included in the census; for example, stone and clay mining at cement, lime and clay products plants.

(c) Custom work to the individual order of household consumers. Examples are custom tailoring, woodworking, lettering on monuments, setting of diamonds and the making of orthopedic appliances.

(d) Repair and other service activities, except specified services performed "for the trade." Repair shops of railroads are also excluded.

(e) Production of coke for own use by establishments owned by public utility companies.

Consistent with the SIC, the census does not cover manufacturing when performed (1) by retail establishments

which sell most of their products on the premises directly to household consumers; e.g., retail bakeries, ice cream stores, and feed stores, (2) by contractors at the site of construction; e.g., production of paving mixtures; and (3) by educational, eleemosynary, and penal institutions.

It is not unusual for manufacturing establishments to engage also in such nonmanufacturing activities as repair work, merchandising of products without further processing, and installation work. Ordinarily, such nonmanufacturing receipts are small in relation to the manufacturing activities and, in such instances, it is not difficult to determine that the establishments should be included in the manufactures area. However, where these nonmanufacturing activities account for a significant proportion of total receipts of an establishment, the allocation of that establishment to the appropriate major economic sector is more difficult.

In the 1958 Economic Censuses, an establishment engaged in a combination of manufacturing and merchandising was assigned either to the manufacturing or the trade industries depending on which of these activities was estimated to account for the larger share of its "value added" or "income produced." This criterion, even though based on an approximation, was considered preferable to reported dollar volume of receipts from each type of activity, since manufacturing requires considerably more man-hours, salaries and wages, and other inputs per dollar of receipts than either wholesaling or retailing. In the case of establishments engaged in manufacturing and also in mining, repair work, installation, construction or other nonmanufacturing services, dollar receipts were used as the basis of classification because these activities require substantially comparable inputs per dollar of receipts.

Data were obtained on the manufacturing activities during 1958 of establishments owned and operated by the Federal Government (military arsenals, Navy yards, etc.) and of Federal and State prisons for the purpose of presenting complete information on manufacturing operations in the United States. Statistics on the employment, value added by manufacture, and products manufactured by these establishments are shown in a separate chapter in each Manufactures volume. Such data are not included elsewhere in the statistical tables and, thus, are not represented in any of the individual industry or industry group totals or area statistics appearing in the volumes. Information on Government-owned, privately-operated establishments is included throughout the statistical tables in the appropriate 4-digit industry on the same basis as privately-owned and operated plants.

5. The New Standard Industrial Classification

A revised edition of the SIC Manual was issued in 1957. In this revision extensive modifications were made in the manufacturing sector. Each establishment report processed in the 1958 Census of Manufactures was classified in accordance with both the old and the new SIC. The preliminary reports of the 1958 Census were tabulated on the old SIC. The final reports and volumes are published on the new SIC. Among the analyses made was a "bridge" tabulation showing the disposition of each "old" industry in terms of the "new" industries and, conversely, the composition of each new industry in terms of the old industries. These "bridge" tabulations are included as Appendix C in all bound volumes of the 1958 Census of Manufactures. In addition, for industries where the classification revision was extensive, data from the "bridge" tabulations are

included as table 1A in the Industry Statistics Volume and are discussed in the industry descriptions and definitions that precede the tables.

Historical information is unavailable for many industries because of the SIC revision. Where comparable 1954 data are shown for the revised SIC industries in the published tables, they were derived from previously published information. It was not possible to reclassify individual establishment reports to derive comparable historical data for all industries. In some instances, the 1954 data shown are substantially comparable and the minor elements of noncomparability are explained in footnotes and in industry texts. Appendix B contains further information on this subject.

It should be noted that extensive revisions of industry definitions, as occurred between the 1945 and 1957 editions of the SIC, may affect totals for industries which are not changed in definition. This may best be illustrated by the following two examples: Consider the case of an establishment with 60 percent of its output in Industry A and 40 percent of its output in Industry B. In a revision of industry definitions, B may be unchanged but Industry A may be separated into two new industries. Call the new Industries C and D. Assume that the hypothetical establishment on the new SIC produces 40 percent in B, 30 percent in C, and 30 percent in D. Such an establishment would be classified in Industry A on the old SIC and in Industry B on the new SIC. This occurs in spite of the fact that Industry B is conceptually unchanged. A reverse situation may also occur. Assume Industries X, Y, and Z on the old SIC, with Y and Z collapsed into new Industry W and Industry X unchanged. An establishment with output of 45 percent in X, 25 percent in Y, and 30 percent in Z would be classified in X on the old SIC. On the new SIC, the YZ combination into W would make it the primary product so that the establishment would be in the new industry W. In such a situation, the old industry X, unchanged in any way in its definition, loses an establishment.

A summary of the comparability, in terms of new SIC classification, at the 2-, 3-, and 4-digit levels is shown in table B.

6. Definition of Establishment

The census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size. There are relatively few cases of this type. Census tabulations of establishment reports, therefore, differ substantially from those prepared on a company basis, i.e., from consolidated reports which not only combine activities at different locations (thereby eliminating interplant transfers) but also include the nonmanufacturing activities of companies primarily engaged in manufacturing. Census figures will also differ to some extent from other tabulations based on establishment reports where the

TABLE B.--SUMMARY OF COMPARABILITY OF INDUSTRIES
BETWEEN OLD AND NEW SIC

Category	2-digit	3-digit	4-digit
	Number of industries		
Fully comparable.....	5	77	267
Directly.....	5	67	233
By combination.....	0	10	34
Substantially comparable (ap- proximately within 4%).....	9	29	59
Directly.....	9	19	41
By combination.....	0	10	18
Noncomparable (more than 4%)...	7	43	100
Total.....	21	149	426
Employment (in millions)			
Fully comparable.....	2.4	5.7	8.0
Directly.....	2.4	4.6	6.6
By combination.....	.....	1.1	1.4
Substantially comparable (ap- proximately within 4%).....	8.4	5.4	3.4
Directly.....	8.4	3.8	2.5
By combination.....	.....	1.6	.9
Noncomparable (more than 4%)...	4.6	4.3	4.0
Total.....	15.4	15.4	15.4

definition of an establishment as to location and line of activity is not so rigidly applied.

The requirement that distinct lines of activity at the same location be separately reported was selectively applied where the establishment produced and shipped significant amounts of products classified in different SIC industries. In widely varying degrees this product overlap exists in many manufacturing establishments. Generally, the amounts involved are not of serious proportion and even if feasible, the filing of separate reports would not be warranted as a practical matter. However, there are a number of plant locations at which 100 or more employees are engaged in each of two or more distinct lines of manufacturing as defined in the SIC. The Census Bureau requested separate reports in such instances in the 1958 Census, pointing out to the respondent that a limited amount of prorating or estimating was acceptable in the preparation of such reports. For the most part, the effort was successful, particularly in the case of very large operations where failure to "split out" the different activities would have significantly distorted the relationship of the industry and product statistics. Not infrequently, though, the two groups of products were made on the same production lines by many of the same employees, and could not be distinguished sufficiently in the companies' records to provide establishment-type reporting. The extent to which such separations could not be achieved combined with the overlap contributed by the smaller plants (those with less than 100 employees) is shown for each industry in tables 5A and 5B of the appropriate chapter of Volume II, Industry Statistics.

In 1958, as in earlier years, a minimum size limit was set for including establishments in the census. Reports were required from all establishments employing one or more persons at any time during the census year. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value

of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures except for data on number of establishments for a few industries.

A special study of manufacturing plants with no employees in 1958 was made to analyze the amount of manufacturing activity conducted by these very small establishments. The study was made from a sample of Internal Revenue Service income tax returns by individuals (Form 1040, Schedule C) and partnership returns (Form 1065) for the year 1958. The income tax returns in the sample were coded to obtain those engaged in manufacturing activity and then checked against Bureau of the Census and BOASI records to isolate those with no paid employment. The results of this study are shown in table C. It will be noted that there were over 50,000 manufacturing establishments in this category in 1958, but these establishments had only about one-quarter of one percent of the total value of shipments of all manufacturing.

TABLE C.--MANUFACTURING PLANTS WITH NO EMPLOYEES: 1958

Code	Major industry group	Estimated number of establishments ¹	Estimated total receipts ¹ (million \$)
.....	Total.....	51,800	637
20	Food and kindred products	2,700	70
23	Apparel and related products.....	1,700	56
24	Lumber and wood products	13,600	116
25	Furniture and fixtures...	3,500	29
27	Printing and publishing..	11,500	104
32	Stone, clay and glass products.....	1,600	32
34	Fabricated metal products	1,500	46
35	Machinery, except electrical.....	6,500	59
39	Miscellaneous manufacturing.....	4,400	50
.....	All other groups.....	4,900	75

¹In addition to possible error due to sampling, these estimates (particularly for number of establishments) are subject to considerable understatement because of limitations in classifying very small establishments as to whether they belong in or out of the manufacturing universe.

7. Industry Classification of Establishments

Each of the establishments covered in the census was classified in one of approximately 430 manufacturing industries in accordance with the industry definitions embodied in the SIC system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or a more or less closely related group of products. The product groupings from which industry classifications are derived are based on such considerations as whether they are typically produced by the same establishment, similarity of manufacturing processes, types of material used, types of customers, and the like. The group of products assigned to an industry is said to be "primary" to that industry. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. In a few instances, however, the industry classification of an establishment is deter-

mined not only by the products it makes but also by the processes employed in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it is rare for all the establishments in an industry to specialize to this extent. The general statistics (employment, inventories, value added by manufacture, etc.) shown for an industry, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. For this reason, in relating the industry statistics (tables 1-4 in the Industry Volume) to the product statistics (table 6) showing shipments by all industries of the primary products of that industry, the composition of the industry's output as shown in table 5 should be considered.

The extent to which industry and product statistics may be matched with each other is measured by two ratios which are computed from transition tables 5A and 5B of the Industry Volume. The first of these ratios, called the primary product specialization ratio, describes the proportion of product shipments (both primary and secondary) of the industry represented by primary products. The second, defined as the coverage ratio, is the proportion of primary products shipped by the industry to total shipments of such products by all manufacturing industries.

The primary product specialization ratio measures the homogeneity of the industry in terms of end products. However, in many industries, individual establishments use a great variety of processes and materials to make the products falling into a single industry classification; e.g., industries such as toys, photographic equipment, and scientific instruments. Even where the process of manufacture tends to be relatively similar because the end products are narrowly defined, the processes carried on by particular establishments producing the end product may be markedly different. For example, in the refrigeration industry, there are instances of almost complete integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly are all carried on at one plant. On the other hand, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In many industries, the 1958 Census provides separate statistics on the production of intermediate commodities made and used (assembled) in the same plant. In addition, plants producing products for use in other plants of the same company are combined in the industry totals together with plants producing identical products for commercial sale (i.e., for sale to other companies). For those industries where the former type of operation is of consequence, that fact is pointed out in the introductory text for the industry. Also, the nature of variations in types of processes used and the production of intermediate parts and components in the same plant is described for those industries in which such situations are especially significant. This practice has been followed for many censuses in pulp and paper, textile fibers, yarn and fabric, and certain chemical industries. In recent censuses, this approach was further enlarged to include captive casting facilities, and to show captive metal fabricating activities such as stamping facilities, machine shops, and the like for the entire metalworking area.

Differences in the integration of production processes, types of operations, and alternatives in type of materials

used should be considered when relating the general items (employment, payrolls, value added, etc.) to the product and materials data.

Many small establishments reported no detailed product data but only enough information to permit coding them to a 4-digit old SIC industry. With the introduction of the new SIC system, a number of old SIC industries were split. The lack of separate information on the various products made by these establishments made it impossible to determine their appropriate new industry, and it, therefore, was necessary to assign them entirely to one of the resulting new industries. In two instances, industries 2541, 2542, and industries 2395 and 2396, these establishments were important enough to require that each of these pairs of industries be combined for publication purposes. In a few other industries, which are shown in table D, this problem affected the total establishment count and the number of establishments in the smaller size classes but usually had no appreciable effect on other statistics. For each set of industries enclosed by a bracket, the upper code number refers to the industry in which the establishments in question were classified, and other codes represent the industries in which some of these establishments would have been classified had they reported sufficient product detail. For all other industries whose definitions were revised by the new SIC, the effect of this problem was negligible.

TABLE D.--INDUSTRIES AFFECTED SUBSTANTIALLY BY MISCLASSIFICATION OF SMALL ESTABLISHMENTS RESULTING FROM REVISED INDUSTRY DEFINITIONS

New SIC code	Approximate data for potentially misclassified establishments		Total value of shipments of the specified industry (million \$)
	Number of establishments	Value of shipments (million \$)	
2092 } 2096 }	17	5	{ 1,081 1,239
2261 } 2262 } 2269 }	148	44	{ 686 211 158
2441 } 2442 } 2443 }	325	20	{ 236 93 30
2661 } 2643 }	44	4	{ 392 909
2761 } 2752 }	339	22	{ 406 1,342
3272 } 3271 }	1,063	79	{ 719 414
3441 } 3449 }	586	135	{ 1,901 917

8. Geographic Areas

(a) **Census Divisions and Regions:**—In order to present census data at a level between the United States total and those for the individual 48 States (Alaska and Hawaii did not achieve Statehood until 1959), the Census Bureau has used regional groupings for over a century. Since the 1909 Census of Manufactures, the present nine geographic

TABLE E.--VALUE ADDED BY MANUFACTURE ADJUSTED, BY DIVISION AND STATE, 1958

Divisions, regions, and states	Value Added by Manufacture Adjusted (Millions)	Percent
United States, Total	141,270	100.0
New England.....	10,438	7.4
Maine.....	638	0.5
New Hampshire.....	491	0.3
Vermont.....	236	0.2
Massachusetts.....	5,130	3.6
Rhode Island.....	754	0.5
Connecticut.....	3,189	2.3
Middle Atlantic.....	34,839	24.7
New York.....	15,892	11.2
New Jersey.....	7,499	5.3
Pennsylvania.....	11,448	8.1
East North Central.....	40,938	29.0
Ohio.....	11,473	8.1
Indiana.....	5,478	3.9
Illinois.....	11,664	8.3
Michigan.....	8,364	5.9
Wisconsin.....	3,960	2.8
West North Central.....	8,870	6.3
Minnesota.....	2,050	1.5
Iowa.....	1,684	1.2
Missouri.....	3,251	2.3
North Dakota.....	63	0.1
South Dakota.....	114	0.1
Nebraska.....	536	0.4
Kansas.....	1,171	0.8
South Atlantic.....	14,291	10.1
Delaware.....	420	0.3
Maryland.....	2,379	1.7
District of Columbia.....	198	0.1
Virginia.....	2,123	1.5
West Virginia.....	1,215	0.9
North Carolina.....	3,083	2.2
South Carolina.....	1,360	1.0
Georgia.....	2,102	1.5
Florida.....	1,411	1.0
East South Central.....	6,402	4.5
Kentucky.....	1,782	1.3
Tennessee.....	2,207	1.6
Alabama.....	1,771	1.3
Mississippi.....	642	0.5
West South Central.....	7,791	5.5
Arkansas.....	592	0.4
Louisiana.....	1,430	1.0
Oklahoma.....	725	0.5
Texas.....	5,045	3.6
Mountain.....	2,251	1.6
Montana.....	197	0.1
Idaho.....	255	0.2
Wyoming.....	63	0.1
Colorado.....	782	0.6
New Mexico.....	115	0.1
Arizona.....	360	0.3
Utah.....	412	0.3
Nevada.....	68	0.1
Pacific.....	15,437	10.9
Washington.....	2,167	1.5
Oregon.....	1,222	0.9
California.....	12,048	8.5

Note: Detailed figures may not add to the totals because of independent rounding.

divisions have been used. Beginning with the 1939 Census, the nine divisions were grouped further into four geographic regions; Northeast, South, North Central, and West.

Not only are these groupings convenient for the summary presentation of census data below the U. S. level, but they are essential to presenting a maximum of geographic information in Industry Volume table 2 for those individual industries in which application of the census disclosure law precludes the publication of individual State's data. (See the discussion in section 33, "Confidentiality of Data for Individual Companies.") The relative importance of manufacturing among the States and divisions is shown in table E.

(b) Standard Metropolitan Statistical Areas.—In addition to the legally constituted geographic units—States, counties, and cities—"all manufacturing" totals have been tabulated for the approximately 190 standard metropolitan statistical areas, while industry group (2- and 3-digit) statistics have been tabulated for areas with 40,000 to 190,000 manufacturing employees and industry data (2-, 3-, and 4-digit) for areas with more than 190,000 employees. These industry statistics for each area are presented in table 5 in the report for each State. There are about 70 areas with more than 40,000 employees.

Standard metropolitan statistical areas (SMSA's) are integrated economic and social units with a large volume of daily travel and communication between the central city (having 50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force and are socially and economically integrated with the central city. These areas were defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget for general-purpose use throughout the Federal Government in presenting economic and social data. In the New England States, similar integration criteria have been applied in defining SMSA's on a city and town basis because towns are regarded as the significant unit in this region of the country.

The requirement that each SMSA consist of county units (except in New England) sometimes results in the inclusion in an area of a considerable amount of territory which would not ordinarily be considered "metropolitan," much less "industrial." It is recognized that metropolitan areas could be more accurately defined in terms of smaller area segments such as minor civil divisions, but the usefulness of areas so defined would be limited by the fact that many types of economic and social data are available only on a county basis.

Each SMSA is designated by the name of the principal city of the area. In addition to the name of the principal city, the area title may include one or two additional city names.

(c) Industrial counties.—In addition to industry statistics for SMSA's with 40,000 or more manufacturing employees, the Census of Manufactures presents data in table 6 of the State reports for each industry group (2- and 3-digit) in a county that had at least 500 manufacturing employees and would not result in disclosure of figures reported by individual companies.

(d) Cities of 10,000 Inhabitants or More.—As in 1954, summary totals are presented for individual cities having

10,000 inhabitants or more. The selection of cities for inclusion was made on the basis of the 1960 Census of Population which was taken as of April 1, 1960. No industry detail is shown for individual cities. Because of the precedence given to SMSA's and counties, most industry data for even large cities would necessarily be withheld from publication to avoid disclosure either directly or by subtraction from published county totals.

9. The Census Report Forms

Although only one report was required from each establishment in the 1958 Census of Manufactures, the diversity of manufacturing activities made it necessary to use over 200 different report forms to canvass the approximately 425 manufacturing industries. In order to obtain efficiently the data essential to the census in a manner consistent with considerations of cost and reportability by the respondent, it was decided to use "standard" forms, requiring full census detail only for those manufacturing plants above a given size in terms of number of employees. For the numerous smaller establishments, typically having less detailed records and representing a very minor portion of manufacturing output and employment, data requirements were limited to a relatively few key items on a series of short forms with different preprinted lists of product class items in the shipments inquiry. In a few industries, these small plants were typical and accounted for a substantial portion of the industry's totals in the aggregate. In such cases modified versions of short forms requesting additional items were used.

The size cut-off for short forms varied according to size composition of the industry so that, while the forms covered a small percentage of each industry's aggregates (employment, etc.), they did represent a much higher proportion of number of establishments. The cut-off generally ranged from 4 to 10 employees.

Using the administrative records of the Bureau of Old Age and Survivors Insurance in conjunction with existing Bureau of the Census records, it was possible to determine correctly, in most cases, the type of form each manufacturing establishment should receive.

Information was obtained on all 1958 forms regarding the physical location, Social Security employer identification number, company affiliation, and legal form of ownership. These facts not only provided for completeness-of-coverage control in the census (see section 11, Development of the Mailing List), but also permitted the classification of each establishment by geographic location and type of legal organization.

(a) Standard Forms.—Each standard form called for virtually the same general items—employment, payrolls, man-hours, materials costs, detailed fuels and electric energy costs, inventories, and capital expenditures—regardless of the industry or industry group. However, the forms differed in that detailed inquiries on the quantity and value of individual products shipped and individual materials consumed as well as miscellaneous inquiries such as types of operation and equipment were adapted to the individual industry or industry group. Almost 200 different forms were needed to allow for these adaptations. (A sample form appears in Appendix D.)

(b) General Short Forms.—These forms, designed for small establishments as noted above, were an abbreviated version of the standard forms and requested limited general

and product information. For example, only total employment and payroll figures were requested, without detail by functional class (i.e., production workers and all other employees); production-worker man-hours and wages were not required on short forms. Instead of detailed information on individual products (7-digits) the short forms requested value of shipments mainly in terms of product classes (5-digit). There were 20 different short forms each covering roughly a 2-digit major industry group.

(c) Modified Short Forms.—In manufacturing as a whole and in most industries, very small establishments account for only a minor part of employment or production. However, for a few industries, small plants constitute a significant proportion of the total. For these industries, modified short forms were used, with the same establishment type inquiries (i.e., employment, inventories, etc.) as appeared on the general short form. In the materials and product sections of these forms, however, greater detail was required, approaching the materials and product sections of the standard form counterparts for these industries. The industries covered in this manner were: Logging and Sawmills, Concrete Products, Dairy Products, and several printing and publishing industries.

(d) Form for Manufacturing Plants Under Construction During 1958.—This form was designed to obtain data on capital expenditures by manufacturing firms for new plants under construction during 1958 but not in operation by the end of the year. A regular census report of the type described in (a)-(c) above was not obtained from such establishments. The new plant form was sent to the 1,600 largest manufacturing firms, and to a sample of 1,700 other manufacturing companies. (For a discussion of the purpose and use of this form, see section 26, "Expenditures for Plant and Equipment.")

(e) Form for Separate Central Administrative Offices and Auxiliaries of Manufacturing Companies.—Separate reports for each central administrative office and auxiliary unit (e.g., storage warehouses, research laboratories, garages, repair shops etc.), which served the manufacturing establishments of the company were obtained if they were at locations different from the establishments served or if they serviced more than one manufacturing establishment. The report form included inquiries on payrolls, employment, inventories, sales and warehouse storage space. In the manufacturing sector there were approximately 4,500 such establishments in 1958. They accounted for about 600 thousand employees with payrolls of about \$4.5 billion, which represent 3.8 percent and 5.7 percent, respectively, of the totals for all manufacturing.

The employment, payroll, and other related data for separate administrative offices and auxiliaries are not included in the operating manufacturing establishment totals, either for individual industries or industry groups. The employment and payrolls of such administrative offices and auxiliaries are, however, shown separately and also included in the "all manufacturing" totals in selected tables in the final volumes; e.g., table 1 of each State report.

10. Supplemental Surveys Conducted as Part of the Census of Manufactures

(a) Distribution of Manufacturers' Sales by Class of Customer.—Part of the 1958 Census of Manufactures consisted of a survey designed to collect data on the distribution of manufacturers' sales by class of customer. This survey was conducted on a sample basis. The sample panel of approximately 50,000 establishments reporting in the

Annual Surveys of Manufactures for 1955-1957 was used in this survey. The reporting for the distribution of sales survey, however, was on a company basis rather than an establishment basis. The results of this survey have been published in separate subject reports (Series MC58(1)-10.20-39) and also as a chapter in Volume I, Summary Statistics

(b) Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and Depreciation and Book Value of Depreciable Assets by Industry: 1957.—Another part of the census program consisted of a survey of supplementary employee costs, cost of maintenance and repair, insurance, rent, taxes, and depreciation and book value of depreciable assets. This survey covered the year 1957 and the Annual Survey of Manufactures sample panel was used. Results of this survey by industry and State have been published in separate reports (Series MC58(1)-9) and are also included as a chapter in Volume I, Summary Statistics.

(c) Industrial Water Use for 1959.—As a supplementary inquiry of the 1958 Census, approximately 11,000 manufacturing establishments were canvassed regarding water consumption in 1959. The panel of reporters comprised selected respondents who reported a consumption of 20 million gallons or more of water in 1954 when the first survey of industrial water use was conducted, and others based on industry and employment size. In addition to the items covered in the 1954 survey, the 1959 report provides the following additional information: (1) water intake data differentiated between quantities for steam generation and for other condensing and cooling purposes; (2) a three-way breakdown showing the amount of water discharged, by point of discharge; (3) information indicating whether the discharged water was treated prior to discharge; and (4) information relating to the purposes for which recirculated or reused water was utilized. Results of this survey by industry, State, and Water Use Regions have been published in a separate report (Series MC58(1)-11) and also appear as a chapter in Volume I, Summary Statistics.

11. Development of the Mailing List

The basic mailing list for the 1958 Censuses of Manufactures, Business, and Mineral Industries comprised all employers (except farmers, State and local governments, and other ineligible classes) who made one or more quarterly payments in 1958 under the Federal Insurance Contributions Act. The list, which was obtained from the Internal Revenue Service (IRS) of the Treasury Department, contained all of the information necessary for mailing the census questionnaires except the industry classification of the employer.

The IRS list was matched with various lists containing the industry code number (SIC) which was required for selection of the appropriate census report form. The matching operations, which were done on electronic equipment, were made possible by the fact that both the IRS list and the classified lists contained the Social Security employer identification (EI) number.

While the IRS list was the basic control mechanism, the 1957 Annual Survey of Manufactures was the principal device for mailing to large companies. This annual survey included all large manufacturing establishments (i.e., those with 100 or more employees), which in 1954 accounted for 74 percent of total employment. For smaller establishments, the principal source of industry codes was

the "employer master file" of the Bureau of Old-Age and Survivors Insurance (BOASI) of the Social Security Administration. The latter file was supplemented by independent lists for two industrial areas, apparel jobbers and milk bottlers. (The apparel jobber information came from a census commodity survey; the dairy list from State government sources.)

Further mailing list supplementation was necessary for "multiunit" companies--those with more than one manufacturing, mining or business establishment. A pre-canvass was conducted by use of Forms NCX-1A and NCX-1B. Form NCX-1A was sent to about 10,000 large companies and called for a listing of subsidiary corporations and of each establishment owned by the parent company or its subsidiaries. Form NCX-1B was sent to about 40,000 smaller firms. These forms differed only in that the NCX-1A prelisted all known establishments. The NCX-1B, which went to firms with less than 5 establishments in 1954, did not prelist the establishments. The pre-canvass was performed jointly for the Censuses of Manufactures, Business, and Mineral Industries.

A general purpose form, NCX-3, was used for concerns having EI numbers on the IRS list which did not match the classified lists, and in cases where the EI numbers matched but the classified lists did not provide sufficient information for selection of a specific questionnaire. The industry code of employers thus canvassed was assigned after receipt of the NCX-3 on the basis of the information reported on that form. When the establishment filing the NCX-3 was large or where otherwise necessary, additional information was obtained to complete the appropriate inquiries for the industry to which the establishment was assigned.

In the 1958 Census the report forms were distributed and returned by mail. Personal or telephone contact was made only when the manufacturer failed to respond to the initial request or to followup letters. The mailing, collection, check-in control, screening, coding, routine editing, and punching were performed at the Bureau's operations office in Jeffersonville, Ind. Subsequent work was done in Washington, D. C.

12. Completeness of Coverage

Since the 1958 mailing list was considered to be complete, no field coverage check was conducted. However, at various stages of processing of the reports, coverage checks were conducted with the aim of determining whether establishments on the original mailing list were represented in the processing stage under scrutiny.

In the process of review of the results, checks were also made to assure that all significant establishments were included in the tabulated totals. Results of tabulations for industry-State cells, 7-digit products, county-industry groups, and cities were compared with similar data from the 1954 Census and statistics compiled by other agencies. Where deemed appropriate, establishment by establishment comparisons were made between 1954 and 1958. For example, when a plant was tabulated in a particular city in the 1954 Census and was not in the initial tabulation for that city in 1958, a thorough search was made to assure that a report for the plant was received and correctly processed in the 1958 Census. In addition, the mailing list of small establishments derived from the IRS-OASI records obtained by the Census Bureau assured virtually complete coverage of small establishments.

13. Manufacturing Employees--Classifications Used

a. All Employees.—The category "all employees" comprises all full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the armed forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are, however, excluded from the total.

Production and Related Workers.—Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant), record keeping, and other services closely associated with these production operations at the establishment covered by the report are included. Supervisory employees above the working foreman level are excluded from this category.

All Other Employees.—Represents nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

(b) Central Administrative Office and Auxiliary Unit Employees.—Respondents were asked to file separate reports for any central administrative offices or auxiliary units at a different location from the establishments served or at the same location as one of these establishments but not operated as an integral part thereof and administered or served two or more establishments. The functions of employees in central administrative offices include: general company policy determination, planning and management (i.e., company purchasing, accounting, general engineering, direction of company personnel matters, and legal and patent matters). Auxiliaries are storage facilities, garages, repair shops, purchasing offices, sales promotion offices, and research laboratories serving the plants or central management of the company. Employment and payroll totals for the central administrative offices and auxiliaries are included in the 2-digit summary chapter of the Industry Volume and in some tables of the Area and Summary Volumes.

14. Manufacturing Employees--Average Employment

The 1958 report forms requested employment figures for "production and related workers" for four selected pay periods (i.e., production worker mid-month employment in March, May, August, and November). For "all other employees" only a mid-March figure was requested. Thus the "annual average" is composed of an average of the four monthly figures for the "production workers" plus the March figure for "all other employees."

This approach was initiated in the intercensal annual survey of manufactures to simplify the schedule format and lighten the reporting burden of respondents, since it was found that the average of these selected pay periods approximates very closely the average employment for the year that would be obtained from the 12 pay periods for almost all industries.

In the employment data shown in this report, the four-month average is shown for all industries. For a few highly seasonal industries, figures on production workers were collected for all twelve months and are shown in statistics for those industries.

15. Manufacturing Employees--Payrolls

This total includes the gross earnings paid in the calendar year 1958 to all employees on the payroll of operating manufacturing establishments. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations; it excludes payments to the proprietor or partners of unincorporated businesses. Also excluded are payments to members of armed forces and pensioners carried on the active payroll of manufacturing establishments.

The 1958 Census definition of payrolls, identical to that recommended to all Federal statistical agencies by the Bureau of the Budget, is also the same as that used in 1954. It should be noted that this definition does not include employers' Social Security contributions, or other nonpayroll labor costs such as employees' pension plans, group insurance premiums, and workmen's compensation.

As in the case of employment figures, the payrolls of separate central administrative offices and auxiliary units of multiunit companies are not included in the totals for individual industries or industry groups but are shown in table 1 of each State report and in other selected tables in the Area and Summary Volumes.

16. Production and Related Worker Man-Hours

This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported. The man-hours figures issued in this report differ from those published monthly by the Bureau of Labor Statistics. The BLS data cover all hours paid for, whether or not worked, and relate only to the payroll period ending nearest the middle of each month.

Man-hours were generally well reported except in the case of small establishments which, as in the past censuses, experienced some difficulty in distinguishing between production and other types of workers, and except for some industries, like apparel, where work is commonly performed on a piece rate basis. Where man-hours were not reported and it was not feasible to obtain the information by correspondence, the data were estimated. Because this estimating was largely confined to

small establishments, there is no significant qualification to the validity of overall industry and geographic area totals for man-hours, except for sawmills and a few other industries characterized by small establishments. However, the man-hour figures for establishments with fewer than 10 employees, shown in the size of establishment tables, should be interpreted with this factor in mind.

17. Cost of Materials, Etc., Consumed

An inquiry on the report forms requested information on the cost of materials, supplies, components, semifinished goods, fuels, and electric energy actually consumed or put into production during the year, and the cost of products purchased for resale by each manufacturing establishment, whether purchased, withdrawn from inventories, or received from other establishments of the company. "Cost" refers to direct charges actually paid or payable for items consumed or put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring these materials.

To arrive at the industry total "cost of materials, etc.," separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies put into production in 1958 or used as operating supplies and for repair and maintenance during that year; (b) the amount paid for electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by manufacturing establishments (contract work); (e) cost of products bought and resold in the same condition. The total excludes the cost of services used, such as advertising, insurance, telephone, etc., and research, developmental, and consulting services of other establishments; it also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc.; it excludes materials, machinery and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts. It should be noted that the inclusion of the cost of goods purchased for resale in the "total cost of materials" is a change in procedure from previous censuses.

In the case of costs reported for materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), the respondent was asked to approximate the commercial value of these materials, plus freight and other direct handling charges. For some industries in which there was no satisfactory market counterpart of the transferred material, special instructions were necessary. The respondent was also asked, where possible, to check that such approximated costs exceeded the value of shipments reported by the company's plant producing and transferring the goods only by the addition of freight and other direct charges.

It should be noted that the cost of fuel consumed under (c), above, does not include fuel used as a material in the manufacturing process; for example, coal used in the production of coke. Such costs were included with other materials costs in category (a), above.

A summation of industry cost of materials figures to industry group totals would result in large and unknown amounts of duplication, owing to the addition of costs reported by related industries engaged in successive fabrication stages in the production of finished manufactured prod-

ucts. For this reason, cost of materials figures are not shown at the industry group (3-digit) and major industry group (2-digit) levels. With some important exceptions (such as "refrigeration machinery," "radios and television receiving sets," and "motor vehicles and parts"), this duplication is not significant within individual industries.

18. Individual Materials Consumed

In addition to the total cost of materials, fuels, etc., which every establishment was required to report, quantity and cost information was collected on the use of 551 specific materials. Consumption information was also collected for an additional 320 items as part of the product sections of the report forms. The latter group typically consisted of items which were produced and also consumed by the producing establishments or by other establishments in the same industry. For example, many textile plants produced yarns and then used them in weaving or knitting fabrics. Also, in the steel industry, data on receipts and consumption of mill shapes were obtained as part of the inquiry calling for the production and shipments of these shapes.

Materials were covered in two ways. For 293 materials, every industry that consumed appreciable quantities of the material was canvassed so that the data would represent at least 90 percent of the total consumption by manufacturing industries. For the remaining 258 materials, information on consumption was obtained on a more limited basis, generally only from those industries in which the materials were an important part of total material costs. Of the 320 products for which consumption information was obtained, industries accounting for 90 percent or more of manufacturing consumption were covered for about 200 items.

Because American industry uses an enormous variety of materials, the number of materials for which "complete" coverage consumption data (90 percent or higher) were obtained had to be strictly limited. The selection of a particular material for such coverage was, therefore, based on the following criteria:

- (1) The importance of the material as measured by the total value of United States consumption of the material;
- (2) The percentage of total consumption accounted for by manufacturing establishments;
- (3) The availability of consumption information from manufacturers' records; and
- (4) In certain instances, other factors such as the strategic importance of the material or the availability of historical data on the use of the material.

The materials included on a limited coverage basis were chosen not only because they constituted important inputs for particular industries but, frequently, because they provided necessary classification information and other indirect measures. For example, an industry's production was of a heterogeneous character and materials consumed afforded a better measure of physical output than could be obtained from available production data.

Tabulated data on the materials consumed in an industry are usually shown in the report for that industry. In addition, for the 293 materials covered on a complete basis (see above), consumption by all industries and, frequently, by States is shown in Volume I. The data on materials consumed relate generally to the quantity and cost

of materials purchased from other companies or obtained from other plants of the same company. However, for selected materials which are also importantly produced for use within the same establishment, information was requested on such captive production in quantity terms only.

Some undercoverage exists in the statistics for most individual materials. This undercoverage results from the fact that:

(1) Individual materials consumption information was obtained only from establishments using one of the Census of Manufactures long forms or one of the modified short forms. For the most part, therefore, plants with a very small number of employees are not represented in these statistics.

(2) Establishments consuming less than a specified amount of a material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$5,000.

The use of such cut-offs, as well as the use of short forms, is not believed to have had a significant effect on the totals for most materials. However, for industries where a sizeable proportion of the activity is accounted for by small establishments or where a specified material is used in relatively small quantities, the above limitations may be of some consequence.

19. Value of Shipments

The amounts under "value of shipments" both for industries and for individual products or classes of products are the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishments (bakery products, fluid milk, and soft drinks, for example) the value of shipments is based on the delivered price of the goods rather than the f.o.b. plant price. For the tobacco and other industries where excise taxes are important, such taxes are covered separately.

Under the general heading of shipments, manufacturers were asked to include all items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. Also included were receipts for contract work and for such miscellaneous activities as sale of scrap and refuse, installation work by manufacturing plant employees, research and development work, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and resold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry but not for individual products or classes of products. The inclusion of resales in total value of shipments is a change in procedure from earlier censuses. The 1954 data shown in these volumes and reports have been revised to include the value of resales.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) at "the nearest approximation to corresponding commercial values, f.o.b. plant, and not the cost of production."

The value of shipments for the industry is usually different from the value of shipments of the group of products regarded as "primary" to the industry. The value of shipments of primary products of an industry (tables 5 and 6 of Volume II, Industry Statistics) includes the value of such products reported by all producers, including those establishments in other industries which make these items as "secondary" products. However, that value does not include the value of secondary products of establishments classified in the industry, or receipts of such establishments for contract work and other miscellaneous activities. The general use of shipments as the basis for valuing the output of manufacturing industries differs from the practice for all censuses except those for 1954, 1947, and 1929. The selection of shipments in recent censuses was made in order to facilitate direct reporting from records of sales, shipments, or billings. Value of shipments for 1958 and 1954 may, however, be directly compared with value of products for earlier years. In the first place, it is likely that in earlier censuses many manufacturers valued their output in terms of shipments even though value of production was requested. Secondly, the changes in the value of finished goods inventories for most industries are of minor importance. The "value of production" was requested in the 1958 Census for a relatively few industries where such records are generally maintained in place of shipment figures and reporting of the latter would have involved undue difficulty for the respondent. These instances are noted in the tables and descriptive text for the industries involved.

20. Individual Products

For 1958, as for 1954, data were collected for almost all industries on the quantity and value of individual products shipped. In the 1958 Census, information was collected on the output of approximately 7,500 individual product items. The term "product" as used in the census represents the finest level of detail for which output information was requested. Consequently, it is not necessarily synonymous with the term product as used in the marketing sense. In some cases it may be much more detailed and frequently it is more aggregative. For example, automotive gasoline was reported as a single item. On the other hand, pharmaceutical preparations were distributed into nearly 100 items.

The list of products for which separate information was collected was prepared after consultation with industry and Government representatives. Comparability with previous figures was given considerable weight in the selection of product categories and comparable 1954 information is presented for most products at some level of detail.

Typically, quantity and value of shipments information was collected. In some cases quantity was not significant or could not be reported by manufacturers. For these products, only value of shipments was collected. Shipments include both commercial shipments and transfers of products to other plants of the same company. For industries in which a considerable portion of the total shipments are transferred to other plants of the same company, separate information on interplant transfers was also collected. Moreover, for products which are used to a large degree within the same establishment as materials or components in the fabrication of other products, information was collected on total production and often consumption of products produced in the same establishment. Generally, the information on production was also collected

for products where significant differences between total production and total shipments sometimes occur. Other measures of output of products, such as value of work done for products with long production cycles, were used when appropriate and feasible.

21. Classes of Products

For the purpose of summarizing the product information, the separate products were aggregated into classes of products which were in turn grouped into all primary products of each industry. The code structure used is a 7-digit number for the individual product, a 5-digit code for the class of product, and a 4-digit code for the total primary products in an industry.

The 7,500 product items in the 1958 Census were grouped into approximately 1,100 separate classes. Products were grouped into product classes on the basis of general similarity of manufacturing processes, types of material used, and the like. However, the grouping of products was affected by the economic significance of the class and in some cases, dissimilar products were grouped because the products were not sufficiently significant to warrant separate classes.

The product class was developed in order to provide an intermediate level of classification for output information. Because of the reduced number of separate items and the increased number of companies producing the class of products, additional tabulations of output information, e.g., product class by State (table 6B of the Industry Volume) are feasible more frequently than would be possible for individual products. The increased number of companies minimizes the problem of protection against disclosure of information pertaining to individual companies.

22. Duplication in Cost of Materials and Value of Products

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as motor vehicles and parts, this duplication is not significant within individual industries but arises from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to paper mills in the paper and allied products group of industries. Estimates of the over-all extent of this duplication indicate that the value of manufactured products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of products reported in the census. Because of the unknown and varying amounts of duplication contained in cost of materials and value of products, these figures are not shown for groups of industries in this census and are also eliminated for a small number of individual industries containing serious amounts of duplication.

Even where no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry.

23. Value Added by Manufacture

The standard formula for deriving value added by manufacture in 1958 was modified from the one used for earlier censuses. During the earlier period, the measure was obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. This item is referred to as unadjusted value added when it appears in the tables in this publication. For 1958, this measure of value added was adjusted by taking into account the following items: (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year. The resulting figure is the adjusted value added by manufacture.

The adjusted value added is given greater prominence in reports of the 1958 Census than in earlier censuses. In future Census publications, the concept of unadjusted value added will be dropped. The adjusted value added is superior because it is more comprehensive as an approximation of the net production of goods and services during the period covered by the report. Under the earlier concept, the value added in merchandising was omitted on the grounds that it did not accrue as a consequence of manufacturing functions. Under the new (adjusted) concept, the measurement of all activities of establishments defined as primarily manufacturing is accepted as the objective.

Value added avoids the duplication in the value of shipments figure which results from the use of products of some establishments as materials by others. Consequently, it is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

24. Value Added and National Income

Value added by manufacture should not be confused with "national income originating in manufacturing" as presented in the national income by industrial origin estimates compiled by the Office of Business Economics, Department of Commerce. The latter measure is the sum of factor costs incurred by an industry in production and is, therefore, a more "net" concept of value added than that used in the Census of Manufactures. "Income originating" excludes, in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises, such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income originating estimates are prepared from company rather than establishment data. This will result in the inclusion of some part of the net value added by nonmanufacturing establishments of companies classified as being primarily manufacturing, and conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classified as primarily nonmanufacturing. It is believed that for manufacturing as a whole the net effect increases income originating. (In fact, in the Petroleum and Coal Prod-

ucts major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one major industry group in which O.B.E. "income originating" exceeds "value added by manufacture" used by the Bureau of the Census.)

The figures shown in Table F should be reviewed in the light of these comments.

TABLE F.--COMPARISON OF NATIONAL INCOME ORIGINATING IN MANUFACTURING AND VALUE ADDED BY MANUFACTURE

(In millions of dollars)

Period	National income originating in manufacturing ¹	Value added by manufacture (adjusted)	Col. (1) divided by Col. (2)
	(1)	(2)	(3)
1958.....	103,817	141,270	.73
1957.....	112,476	147,838	.76
1956.....	109,268	144,909	.75
1954.....	91,057	117,031	.78
1947.....	58,717	² 74,290	.79
1939.....	17,925	24,487	.73
1929.....	21,888	30,591	.72

¹Source: U. S. Income and Output and July 1961 Survey of Current Business.

²1947 and earlier figures are unadjusted value added.

Form MC-D11, Selected Costs and Assets of Manufacturing Establishments, collected data on some of the cost items which account for the difference between value added as defined in the Census of Manufactures and national income originating in manufacturing. The diagram below shows some significant facts about the conceptual difference between these measures of manufacturing activity.

It will be noted that value added as defined by Census procedures for 1957 was \$147.8 billion or \$35.3 billion greater than the estimate of national income originating in manufacturing in 1957. The MC-D11 survey for 1957 conducted by the Census Bureau compiled data on several cost items not deducted from value added. These costs amounted to \$15.4 billion in 1957. There is an additional \$19.9 billion gap between national income and value added which largely consists of expenditures for advertising, publicity, legal services, travel and communications, royalty payments, contract research, bad debts, entertainment, other professional services, and other expense items. Many of these are company-type expenses and cannot be reported on an establishment basis by multiestablishment firms. In addition, transfer payments, gifts, scholarships, and similar expenditures are not factor costs and contribute to the gap, since such charges are not deducted from value added.

25. Inventories

The value of beginning-of-year and end-of-year inventories, respectively, held by each manufacturing establishment was obtained in the 1958 Census. Separate inventory figures were requested for: (1) finished products; (2) work-in-process; and (3) materials, supplies, fuel, and other inventories.

1957 Comparative Statistics
(All figures in billions of dollars)

National income and gross product in manufacturing		Value added as defined for the Census and Annual Survey of Manufactures	
National income:		Payroll of operating establishments	= 76.4
Payroll	= 80.6	Supplements from MC-D11 ²	= 6.0
Supplements to payroll	= 7.2	Payroll in CAO and other auxiliary establishments	= 4.2
Total payroll	= 87.9	Total	= 86.6
Other income	= 24.6		
+ Indirect taxes, transfer payments, and capital consumption charges less subsidies		Taxes covered on MC-D11	= 1.5
Estimate not available		Depreciation on MC-D11	= 7.3
		Cost items in value added, not in GNP: Covered in MC-D11	
		Maintenance and repair services purchased from other firms	= 4.5
		Insurance	= .7
		Rents	= 1.4
		Not covered in MC-D11: Advertising, legal, and other professional services, communications, royalties and patent fees, travel costs, publicity transfer payments, etc.	Estimate not available

= GNP¹

147.8

¹Estimates of GNP by industrial sector are not made by the National Income Division of the Office of Business Economics.

²MC-D11 was a survey of selected costs in 1957.

³Excludes supplements for employees at CAO's and auxiliaries.

Respondents were asked to report their inventories at approximate current costs if feasible; otherwise "at book values." Since different methods of inventory valuation are used (LIFO, FIFO, etc.) the definition of the value of inventories aggregate for all establishments in an industry is not precise. The figures on change in inventory between the beginning and the end of the year are of considerably greater significance.

In using inventory data by stage of fabrication for all industries and at the two-digit industry level the following should be noted. An item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. For example, the finished product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and all manufacturing which are merely aggregates of figures reported by establishments in specified industries. Further, the total finished goods inventory for "all manufacturing" includes items that are not finished manufactured products.

For a few industries in the food group there are special problems in the handling of inventories by stage of fabrication. These are industries in which the products are usually stored under controlled conditions, and the products are aged. Included among such types of products are stemmed and dried tobacco, cheese, and whiskey. It is not clear whether such products should be treated as finished goods inventories or as work-in-process while in storage.

In all of these industries substantial finished goods inventories have been reported. These data have been summarized in the inventory tables in a consistent manner for all of the years included in this report.

26. Expenditures for Plant and Equipment

In the 1958 Census, manufacturers were asked to report expenditures made during the year for permanent additions and major alterations to their plants, as well as for new machinery and equipment purchases, that were chargeable to fixed-asset accounts of manufacturing establishments and were of a type for which depreciation accounts are ordinarily maintained. Expenditures for machinery and equipment were to include those made for replacement purposes, as well as for additions to plant capacity. Excluded from such expenditure totals are costs of maintenance and repairs charged as current operating expense. Also excluded are expenditures for land and expenditures made by owners of plants and equipment leased to reporting manufacturers.

In addition to total capital expenditures, respondents were requested to indicate the following subtotals: (a) new structures and additions to plant (including major alterations and capitalized repairs and improvements); (b) new machinery and new equipment (including capitalized repairs and improvements); and (c) expenditures for used plant and used equipment acquired from others (including the United States Government). The publication of statistics on capital expenditures is generally confined to new plant and equipment (items (a) and (b) above).

In the 1947 Census and the 1949 and 1950 Annual Surveys, data on capital expenditures related only to manufacturing establishments that were in operation at some time during the report year. They did not include expenditures incurred during the year for constructing and equipping new plants not yet in operation, or for renovating idle establishments. To close this statistical gap, such supplemental capital expenditures data for plants under construction were obtained in the 1951 Annual Survey and in each succeeding annual survey of manufactures and census. The "under construction" survey included approximately 1,600 large manufacturing companies. In addition, reports were obtained from about 1,700 smaller companies, selected as a representative sample of all manufacturing concerns. The relative contribution of these smaller companies to the "under construction" expenditures is ordinarily less than one-tenth of the estimated total.

The capital expenditures figures in the Industry and Area Statistics Volumes do not cover idle plants and plants under construction that were not put into operation within the year 1958. Data on this type of capital outlay are shown by industry group and by State in the Summary Statistics Volume.

The census figures on capital expenditures differ from those estimates published from the Office of Business Economics-Securities and Exchange Commission sample survey. In addition to the sampling variation present in the latter data, a major source of difference is to be found in the scope of the two series. Census data relate only to manufacturing establishments, whereas the OBE-SEC series on expenditures, covers all establishments (manufacturing and nonmanufacturing) of companies classified as manufacturing concerns. This factor is particularly important in the petroleum industry, where company expenditures for developing new wells and new distribution facilities are ordinarily much larger than their capital expenditures at refineries. The OBE-SEC series excludes from the totals for manufacturing industries firms which operate manufacturing establishments but are primarily nonmanufacturing companies. Both series, it should be noted, exclude expenditures for plant and equipment at establishments owned by the Federal Government but operated under lease or contract by private companies.

27. Fuels and Electric Energy

Detailed statistics on the use of fuels by manufacturing establishments for power and heat were collected in the 1958 Census. The data were not available in corrected form in time for inclusion in the individual industry reports which constitute the Industry Statistics Volume; they do appear as a separate chapter in the Summary Volume. Separate figures were collected for coal, coke, fuel oil, gas, and "other fuels." Except for "other fuels," both quantity and cost data were collected for each of the fuels named. For "other fuels," only cost was collected. The fuels reported in this inquiry exclude those used by manufacturing establishments as a raw material. For example, coal consumed in the manufacture of coke is excluded from the fuel statistics.

Experience, based on past censuses, indicates that practically all of the information compiled on detailed fuels is reported by relatively large establishments in specific industries. Therefore, in the 1958 Census the detailed inquiries on fuel were not directed to (a) establishments classified in approximately 250 of the 450 industries (old SIC), of which 57 of the 250 industries are in the printing

and apparel groups, and (b) establishments reporting on short forms. In addition, establishments in the fuel reporting industries were requested to report detailed fuel data only where the 1958 fuel expenditure equalled or exceeded \$5,000. As a result of these limitations, it is estimated that the 1958 detailed fuel data, shown in the Summary Statistics Volume, by Industry and State, represent a coverage of approximately 94 percent of the total as reported in 1954.

Data were also collected on the use of electric energy in manufacturing. Separate figures were collected for the quantity and cost of electric energy purchased, the quantity of electric energy generated, and the quantity and value of electric energy sold. All of these data are shown in the Summary Volume chapter on Fuels and Electric Energy. Only the cost of purchased electric energy is contained in the Industry Volume (table 3).

28. Selected Metalworking Operations

For all industries in SIC Major Groups 35 and 37, and for selected 4-digit industries in Groups 19, 33, 34, 36, and 38, the 1958 Census included a special inquiry on "Selected Metalworking and Related Operations" to provide a measure of certain metalworking and related facilities in manufacturing. The following operations were included in this inquiry: iron or steel foundry; nonferrous foundry (except die casting); die casting (nonferrous metal only); forging—presses, hammers, or upsetters; electroplating; galvanizing and other hot-dip coating; heat treating or annealing of metals for production purposes; automatic screw machine department; machine shop; tool and die shop, if separate from machine shop; pattern shop (foundry patterns only—metal, wood, etc.); plate or structural fabrication; stamping, blanking, and forming; painting, lacquering, and enameling; plastics molding; assembly of product; and shipping department (including packing and crating).

The number of establishments performing these operations and the number of production workers engaged in these operations classified by size of the specific operation are shown by industry in table 1 and by geographic division and State in table 2 (Vol. I, Ch. 8, Selected Metalworking Operations). The size distribution is based on the number of production workers usually employed in the operation. In addition, for selected industries, the actual number of man-hours worked by production workers in specified operations is also shown.

Information on selected metalworking operations was obtained for practically all industries where such operations are important. For individual industries or groups of industries, the inquiry on metalworking and related operations was tailored to fit the principal operations that were characteristic of those industries. For example, the 1958 inquiry for SIC Industry 3691, "storage batteries," did not list electroplating; plate and structural fabrication; stamping, blanking and forming; and automatic screw machine operations, since the 1954 data indicated that these operations were relatively unimportant. Operations such as foundries; die casting; machine shops; and tool and die shops, which accounted for substantial employment in SIC Industry 3691, were included in this inquiry.

In many industries, however, small establishments reported on a short form that did not include the inquiry on metalworking operations. Also, a few larger establishments that filed standard forms did not report their metalworking operations. This has resulted in an understatement of the number of establishments maintaining specific

operations, primarily in the smallest size class, and to a much smaller degree an understatement of the total number of production workers in the operation.

An approximation of the coverage in terms of both the number of establishments and the total number of all employees is provided for both industry and geographic totals. The coverage for nearly all industries is over 90 percent and is highest in industries in which larger establishments predominate.

For foundry operations, the number of plants operating foundries consists of the number reporting the operation for each industry plus the number of establishments classified in the foundries industries. For forgings operations, the number of plants operating forge shops consists of the number reporting the operation for each industry plus the number of establishments classified in the forgings industry. In footnotes to table 1, 1958 data are shown for the number of establishments classified in these industries. For example, in addition to establishments shown in the table as operating foundries and die casting facilities, the number of establishments classified in the foundry industries is given in the footnote. In the State table, separate columns have been included giving the number of establishments classified in these industries in each State. Similarly, the form used by respondents in Industry 3471, Plating and Polishing, and in Industry 3479, Metal Coating, Engraving, etc., did not include the metalworking inquiry. Consequently, data for establishments in these latter industries were presented in the same manner as for the foundry industries.

A limited inquiry covering machine shops and pattern shop operations was included for the foundry industries, and an inquiry covering machine shops and tool and die shops was included for the forgings industry.

29. Selected Equipment Data

An inventory of textile equipment in place was obtained for a number of the important machines used in the basic textile industries. These data, grouped by type of operations or industry activity of the plant, are shown in a separate chapter in the Industry Volume (22.1). Information regarding the coverage of the inquiry is also shown.

Information on various types of presses and the quantity of crushed seed and oil produced from cotton seed, soy beans, and flax seeds by manufacturing plants was also compiled and issued as a separate report. These data are also included in the Industry Volume.

30. Special Departmental Reports

For paper plants, stone and clay plants and steel plants where vertically integrated activities are characteristic of establishment operations, selected employment information regarding certain departmental activities was obtained in the 1958 Census. Information relating to pulping departments, quarrying activities, and selected operations in steel plants is shown in the chapters for these industries in the Industry Volume.

31. Plant Specialization Data

In response to needs expressed by data users, a program of plant specialization statistics was developed for the 1958 Census. These data provide a more exact measurement of the relationship between the output of an industry and the statistics on employment and payrolls, cost of materials, etc., reported by the same industry. The plant specialization data (in table 8 of the Industry Volume) im-

portantly supplement the information presented in industry tables 5A and 5B.

Specialization for an establishment is computed in two ways. The first computation is in terms of the ratio of all the primary products of the establishment to its total of primary plus secondary products; the second in terms of the ratio of the largest single product class of the establishment to its total of primary plus secondary products. Receipts for contract and commission work as well as other miscellaneous receipts are not included in the plant specialization computation. Establishments are then grouped according to their degrees of specialization at the two levels. The statistics presented in table 8 group establishments in three specialization ranges for most industries: 90 percent or more, 75-89 percent, and less than 75 percent. For each of these ranges at the two levels (all primary products and the product class), statistics are shown on employment and payrolls, value added, cost of materials, value of shipments, and new capital expenditures.

Certain product classes are primary to more than one industry. The industry classification of establishments primarily producing such classes of products is determined on the basis of the kind of operation performed in the establishment, e.g., making the product from purchased materials or from materials produced at the same location. In the plant specialization data (table 8), product classes primary to two or more industries are shown in each of the respective industries. For each industry, the specialization data by industry and product class include only those establishments producing the class of product in the manner defined (e.g., lubricating oils from purchased materials).

Table 8 of the Industry Volume permits analysis of an industry in terms of the differences introduced by variation among establishments in the degree of specialization in the products of the industry or a subgroup (5 digit.) For example, where the ratios of various statistics tend to be different for establishments specializing to different degrees in the products of the industry or in different product classes, the ratios for the industry as a whole would be significantly affected by shifts in product mix. It should be noted that for those industries in which a production process results in the manufacture of byproducts or other similarly higher correlated products which are separate product classes in the census, the degree of specialization in each of the product classes tends to be somewhat lower.

Differences in the degree of integration of production processes within establishments are often more important than the element of product mix. A partial measure of differences arising from this factor can be derived for some industries through the metalworking operations or other equipment data. For some other industries, data on the production and use of products within the same establishments may be used as an approximate measure (see also discussion in section 7, Industry Classification of Establishments).

32. Imputation of Data

Each "key" census total called for on the standard forms had its counterpart in the various short forms. The short forms, however, did not require the detailed distribution of such totals (see section 9, The Census Report Forms). It was necessary, therefore, to impute figures for these missing detail items in order to publish "universe" totals of manufacturing activity.

Imputation of missing items was made feasible by use of the Census Bureau's high speed electronic computer. The procedures for imputation were of two types. For short form respondents production workers and production worker wages were imputed from fixed ratios specified in advance from historical relationships of these items to total employees and total payroll. For other items to be imputed (for example, the breakdown of total capital expenditures to expenditures on structures, etc.), the imputation was made by a randomizing process in which similar establishments (same industry and size class) were used in deriving the ratios needed for imputation of the detailed data.

For industries characterized by establishments of some size, the percentage of imputation of general measures such as employment and payrolls, cost of materials, inventories, expenditures, and the like is negligible; for the industries in which small establishments account for a significant portion of the total, the percent may go as high as 10 or 25, but this occurs only in a handful of industries. Of the various statistics, man-hours worked tended to have a higher degree of imputation than the other items due to difficulties in reporting those data by small and medium-size establishments.

The major exceptions to the imputation procedure for missing data were the detailed products and materials, metalworking operations, and equipment inquiries. The value of products and the cost of materials, parts, supplies and containers for establishments not reporting the detailed inquiries were treated as "unspecified" materials or products in the appropriate tables. For metalworking operations and equipment, the statistics were based on establishments reporting data, with appropriate measures of coverage shown in the tables.

33. Confidentiality of Data for Individual Companies

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In the 1958 Census, as in 1947 and 1954, preference was given to geographic regions and divisions over individual States in applying disclosure rules; similarly, States took precedence over standard metropolitan areas, while such areas were given preference over counties, and counties over cities. In tables showing industry detail, major industry group (2-digit) totals were given preference over industry group (3-digit) totals which, in turn, had precedence over individual (4-digit) industries. Similarly, in product tables, 4-digit product groupings took precedence over 5-digit product classes; the latter were given precedence over individual 7-digit products.

Such order-of-precedence was used because (1) it was considered preferable to show regional data for an industry, even at the cost of withholding data for another (usually the least important) State in a region, rather than to show all publishable data for the individual States and group the disclosure States throughout the United States in an "all other" category as was done in the 1939 and earlier censuses; and (2) by giving preference to industry group statistics over individual industries within each State, the extent to which individual States can be compared within the SIC industry classification framework is increased.

For each producing State not shown separately in table 2 of the Industry Volume, a footnote gives the number of establishments and either an employment range or the actual employment figure. The employment is shown in a range if the State had less than 1,000 employees, and the employment data represented the total for only one or two companies, or if the exact figure would permit deriving (by subtraction) the number of employees in other States represented by only one or two companies. In addition, figures for States with less than 100 employees are shown only in the footnote together with the number of establishments and employment in a range.

In the Area Volume, figures are not shown for a county or for an industry within a State, metropolitan area, or principal industrial county if the publication of such statistics would disclose information for individual companies. In table 3 of that Volume, however, the number of establishments is shown for every county and the number of employees for most counties represented by three or more companies. Moreover, all counties having manufacturing establishments are included in table 7, showing for each county the distribution by employment size of establishments in each major industry group.

For industries with few establishments or considerable geographic concentration, it has frequently been necessary to use geographic regions broader than the traditional nine census divisions in order to show all plants by some geographic grouping. For this purpose the following combinations of Census divisions have been used:

NORTHEAST	SOUTH
New England	South Atlantic
Middle Atlantic	East South Central
	West South Central
NORTH CENTRAL	WEST
East North Central	Mountain
West North Central	Pacific

34. Abbreviations

The following abbreviations and symbols occur frequently in tables and footnotes:

...	zero
xxx	Not applicable
NA	Not available
n.e.c.	Not elsewhere classified
lin.	linear
equiv.	equivalent
hp	horsepower
kwh	kilowatt-hours
D	Withheld to avoid disclosing figures for individual companies
SIC	Standard Industrial Classification
n.s.k.	Not specified by kind

Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 pounds; where the figures are expressed in tons of 2,240 pounds, the unit of measure is specified as "long tons" or "gross tons."



GENERAL SUMMARY

1-1



GENERAL SUMMARY

1-3

Table 1.—General Statistics for Operating Manufacturing Establishments in the

United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Year ¹	Establishments, number		Proprietors and partners (number)	All employees ^{2 3}		Production workers			Value added by manufacture adjusted ⁵ (\$1,000)	Capital expenditures, new ⁶ (\$1,000)	Index of physical production 1947=100
	Total	With 20 or more employees		Number ⁴	Payroll (\$1,000)	Number ⁴	Man-hours (1,000)	Wages (\$1,000)			
1958.....	298,182	95,061	185,148	15,393,766	73,749,749	11,644,213	22,632,571	49,503,844	141,270,297	9,075,759	7140
1957 ⁸	(NA)	(NA)	(NA)	16,621,140	76,314,635	12,838,889	25,208,002	52,569,022	147,838,425	11,408,069	7151
1956 ⁸	(NA)	(NA)	(NA)	16,694,433	74,015,123	13,131,313	26,088,501	52,040,794	144,909,346	10,737,861	7151
1955 ⁸	(NA)	(NA)	(NA)	16,335,526	69,096,569	12,954,392	25,898,324	49,217,925	135,022,505	7,853,494	7146
1954.....	286,814	90,470	197,850	15,645,491	62,962,664	12,372,002	24,334,082	44,590,545	117,032,326	7,816,752	128
1953 ⁸	285,000	(NA)	(NA)	16,693,076	66,492,872	13,500,934	27,065,569	48,979,102	121,659,136	7,541,606	7139
1952 ⁸	267,000	(NA)	(NA)	15,732,722	59,598,225	12,706,032	25,617,613	43,763,640	109,162,079	7,525,923	7128
1951 ⁸	262,000	(NA)	(NA)	15,309,638	54,741,463	12,508,914	25,263,764	40,654,832	102,085,814	7,205,059	7123
1950 ⁸	260,000	(NA)	(NA)	14,467,149	46,642,786	11,778,803	23,716,536	34,600,025	89,749,765	5,041,299	7114
1949 ⁸	(NA)	(NA)	(NA)	13,566,949	41,482,008	11,016,301	21,769,728	30,253,971	75,366,527	5,066,941	798
1947.....	240,807	(NA)	188,948	14,293,963	39,695,558	11,917,884	24,316,465	30,243,971	74,290,475	5,998,099	100
1939 ⁹	173,802	(NA)	123,655	9,527,306	12,706,102	7,808,205	(NA)	8,997,515	24,487,304	(NA)	57
1937.....	166,794	(NA)	99,268	9,786,402	12,829,749	8,569,231	(NA)	10,112,883	25,173,539	(NA)	58
1935.....	167,916	(NA)	81,521	8,262,295	9,564,754	7,203,794	(NA)	7,311,329	18,552,553	(NA)	46
1933.....	139,325	(NA)	72,267	6,557,925	12,627,800	5,787,611	(NA)	4,940,146	14,007,540	(NA)	35
1931.....	171,450	(NA)	(NA)	(NA)	(NA)	6,163,144	(NA)	6,688,541	18,600,532	(NA)	40
1929.....	206,663	(NA)	132,686	9,659,742	14,284,282	8,369,705	(NA)	10,884,919	30,591,435	(NA)	56
1927.....	187,629	(NA)	132,151	9,072,052	13,123,135	7,848,070	(NA)	10,099,465	26,325,394	(NA)	49
1925.....	183,877	(NA)	132,971	9,142,417	12,957,707	7,871,409	(NA)	9,979,649	25,667,624	(NA)	46
1923.....	192,096	(NA)	147,958	9,474,658	12,996,460	8,194,170	(NA)	10,148,624	24,569,487	(NA)	43
1921.....	192,059	(NA)	172,291	7,557,364	9,870,199	6,475,474	(NA)	7,451,299	17,252,775	(NA)	30
1919.....	270,231	(NA)	249,865	9,836,801	12,426,902	8,464,916	(NA)	9,664,009	23,841,624	(NA)	34
1914.....	268,436	(NA)	258,560	7,514,186	5,015,977	6,602,287	(NA)	3,782,322	9,385,622	(NA)	29
1909.....	264,810	(NA)	272,421	7,012,066	4,105,470	6,261,736	(NA)	3,205,213	8,160,075	(NA)	24
1904.....	213,444	(NA)	225,115	5,674,957	2,990,937	5,181,660	(NA)	2,440,851	6,019,171	(NA)	19
1899.....	204,754	(NA)	(NA)	4,850,019	2,258,654	4,501,919	(NA)	1,892,574	4,646,981	(NA)	15
1899 ¹³	509,490	(NA)	(NA)	5,478,301	2,595,566	5,097,562	(NA)	2,206,547	5,474,892	(NA)	(NA)
1889.....	353,864	(NA)	(NA)	4,586,494	2,209,058	4,129,355	(NA)	1,820,854	4,102,301	(NA)	(NA)
1879.....	253,852	(NA)	(NA)	(NA)	(NA)	2,732,595	(NA)	947,954	1,972,756	(NA)	(NA)
1869.....	252,148	(NA)	(NA)	(NA)	(NA)	2,053,996	(NA)	620,467	1,395,119	(NA)	(NA)
1859.....	140,433	(NA)	(NA)	(NA)	(NA)	1,311,246	(NA)	378,879	854,257	(NA)	(NA)
1849.....	123,025	(NA)	(NA)	(NA)	(NA)	957,059	(NA)	236,755	463,983	(NA)	(NA)

NA Not available.

¹The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599, Machine shops, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939-1957, but are included for 1929 and earlier years. The 1954-1958 figures include data for establishments engaged in the processing and distribution of fluid milk, Industry Group 202, Dairy Products. These establishments were not included in the figures for earlier Census years. In addition, the 1958 and 1954 Census and the Annual Survey figures include data for Logging camps and contractors, Industry 2411, which were not included within the scope of the 1947 Census. There were also a number of changes in the definition of manufacturing industries during earlier Census years that affect the comparability of the historical series. Among the more important of these were: Figures for 1935 and later years exclude data for "Railroad repair shops" and "Manufactured gas" which were included in 1899-1933 figures; the minimum size of establishment included for 1947-1958 was 1 employee, for 1921-1939 manufacturing establishments reporting value of shipments of \$5,000 or more were within scope whereas for 1919 and earlier years the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

²The figures for 1939-1958 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in the figures for earlier years is not known.

³In addition to the employment and payroll for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishment(s) of a company. These figures were collected by the Bureau of the Census for 1958 and 1954. They are shown in table 2.

⁴The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

⁵For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year. For 1849-1933, cost of contract work was not subtracted from value of shipments in calculating value added by manufacture.

⁶Does not include expenditures for plants under construction and not yet in operation. Figures for recent years for such capital expenditures are included in the expenditure section.

⁷Based on data shown in "Industrial Production-1959 Revision," page S-69, issued by the Board of Governors of the Federal Reserve System.

⁸Data for 1949 thru 1953 and 1955 thru 1957 are estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Surveys of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for these periods.

⁹The figures for 1939, but not for earlier years, have been revised on the basis of retabulation of the returns to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947. Value added by manufacture for 1939, prior to revision and on a basis comparable with 1937 and previous years, was \$24.7 billion.

¹⁰Not revised to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947.

¹¹The 1939 figures for "all employees" were revised on the basis of estimates rather than by retabulation of the 1939 reports. The estimates were made in the following manner: for number of employees, by multiplying the retabulated figure for number of production workers by the ratio of all employees to production workers computed from the unrevised 1939 statistics; for salaries and wages, by multiplying the retabulated wage figure by the ratio for salaries and wages also derived from the unrevised 1939 statistics.

¹²Not including data for salaried officers of corporations and their salaries and, therefore, not strictly comparable with figures for other years.

¹³These figures for 1899 and earlier years represent hand and neighborhood manufacturing operations.

GENERAL SUMMARY

Table 2.—Manufacturing Employment in the United States: 1958 and 1954

(For explanation of column captions see Introduction)

Code	Major industry group and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
		Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
	All industries, total:						
	1958.....	15,995,814	78,217,644	15,393,766	73,749,749	602,048	4,467,895
	1954.....	16,098,653	65,866,573	15,645,491	62,962,664	453,162	2,903,909
20	Food and kindred products:						
	1958.....	1,761,816	7,994,060	1,698,814	7,553,284	63,002	440,776
	1954.....	1,709,106	6,560,408	1,646,591	6,200,099	62,515	360,309
21	Tobacco products:						
	1958.....	91,856	341,041	84,467	294,650	7,389	46,391
	1954.....	100,466	291,890	94,863	259,689	5,603	32,201
22	Textile mill products:						
	1958.....	916,987	3,043,178	901,677	2,938,140	15,310	105,038
	1954.....	1,049,900	3,110,751	1,037,440	3,032,490	12,460	78,261
23	Apparel and related products:						
	1958.....	1,187,840	3,635,106	1,180,517	3,585,646	7,323	49,460
	1954.....	1,195,779	3,236,141	1,190,064	3,201,795	5,715	34,346
24	Lumber and wood products:						
	1958.....	586,753	2,019,009	581,302	1,986,109	5,451	32,900
	1954.....	650,409	1,962,582	645,936	1,933,523	4,473	29,059
25	Furniture and fixtures:						
	1958.....	350,585	1,410,862	347,599	1,388,669	2,986	22,193
	1954.....	342,443	1,210,685	340,694	1,197,376	1,749	13,309
26	Paper and allied products:						
	1958.....	578,134	2,945,416	555,398	2,779,885	22,736	165,531
	1954.....	540,425	2,286,080	527,710	2,204,670	12,715	81,410
27	Printing and publishing:						
	1958.....	872,502	4,529,128	864,101	4,479,679	8,401	49,449
	1954.....	808,945	3,650,757	803,482	3,619,479	5,463	31,278
28	Chemicals and allied products:						
	1958.....	784,927	4,607,754	699,166	3,947,175	85,761	660,579
	1954.....	795,878	3,782,772	733,896	3,376,959	61,982	405,813
29	Petroleum and coal products:						
	1958.....	245,336	1,643,660	179,166	1,116,673	66,170	526,987
	1954.....	230,965	1,285,271	183,339	953,235	47,626	332,036
30	Rubber and plastics products, nec:						
	1958.....	335,655	1,783,107	347,842	1,723,295	7,813	59,812
	1954.....	252,456	1,102,979	246,526	1,959,337	5,930	43,642
31	Leather and leather products:						
	1958.....	359,107	1,196,464	349,050	1,145,683	10,057	50,781
	1954.....	365,334	1,065,196	356,578	1,027,314	8,756	37,882
32	Stone, clay and glass products:						
	1958.....	575,717	2,759,639	554,042	2,594,971	21,675	164,668
	1954.....	504,436	2,023,427	491,814	1,938,085	12,622	85,342
33	Primary metal industries:						
	1958.....	1,135,577	6,638,899	1,096,359	6,303,447	39,218	335,452
	1954.....	1,187,127	5,508,991	1,152,220	5,260,101	34,907	248,890
34	Fabricated metal products:						
	1958.....	1,089,028	5,629,106	1,057,986	5,412,405	31,042	216,701
	1954.....	1,040,123	4,535,400	1,019,406	4,397,337	20,717	138,063
35	Machinery, except electrical:						
	1958.....	1,385,494	7,574,591	1,348,245	7,303,661	37,249	270,930
	1954.....	1,573,851	7,389,954	1,540,746	7,186,233	33,105	203,721

See footnotes at end of table.

GENERAL SUMMARY

1-5

Table 2.—Manufacturing Employment in the United States: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Code	Major industry group and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
		Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
36	Electrical machinery:						
	1958.....	1,198,926	6,168,026	1,122,284	5,605,985	76,642	562,041
	1954.....	1,004,532	4,229,300	959,126	3,950,994	45,406	278,306
37	Transportation equipment:						
	1958.....	1,635,881	9,759,831	1,557,759	9,164,581	78,122	595,250
	1954.....	1,765,891	8,697,898	1,705,501	8,300,103	60,390	397,795
38	Instruments and related products:						
	1958.....	304,336	1,632,752	296,558	1,578,481	7,778	54,271
	1954.....	277,895	1,234,017	272,586	1,200,323	5,309	33,694
39	Miscellaneous manufacturing: ³						
	1958.....	579,357	2,906,015	571,434	2,847,330	7,923	58,685
	1954.....	702,692	2,702,074	696,973	2,663,522	5,719	38,552

¹The 1958 and 1954 data for central administrative offices and auxiliaries are not strictly comparable for the following reasons: (1) better total coverage was achieved in the 1958 Census in identifying and obtaining separate establishment reports for such activities; (2) the individual 1954 major industry group totals reflect the former Standard Industrial Classification system (of 1945) used in the 1954 Census, while the 1958 figures reflect the revised SIC system (of 1957) used in classifying such establishments.

²In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishments of a company. A separate report was usually obtained for each central office or auxiliary unit if it was located at a different location from the manufacturing establishment(s) served or if it serviced 2 or more manufacturing establishments and was not operated as an integral part of the establishment at the same location.

³Includes privately owned and/or operated establishments classified in Major Industry Group 19, "Ordnance and Accessories." Establishments which are Government-owned and operated are not included.

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,
(For explanation of column captions see Introduction. For a complete description and more detailed information

Code	Industry group and industry	1958									
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			Value added by manu- facture, adjusted ² (\$1,000)
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
	All industries, total ⁷	(NA)	298,182	95,061	185,148	15,393,766	73,749,749	11,644,213	22,632,571	49,503,844	141,270,297
20	Food and kindred products ⁸	(NA)	41,619	14,760	27,272	1,698,814	7,553,284	1,137,621	2,282,823	4,502,056	17,532,558
21	Tobacco products.....	(NA)	504	280	247	84,467	294,650	76,306	146,992	247,842	1,413,460
22	Textile mill products ⁸	(NA)	7,675	4,617	2,666	901,677	2,938,140	810,490	1,568,004	2,408,291	4,857,638
23	Apparel and related products ⁸	(NA)	29,297	13,008	18,959	1,180,517	3,585,646	1,031,784	1,836,564	2,770,570	6,003,853
24	Lumber and wood products.....	(NA)	37,789	5,884	38,072	581,302	1,986,109	505,476	959,935	1,624,983	3,176,613
25	Furniture and fixtures ⁸	(NA)	10,160	3,175	6,477	1,388,669	287,489	565,142	1,021,844	2,349,488	2,349,488
26	Paper and allied products.....	(NA)	5,271	3,224	1,360	555,398	2,779,885	448,529	934,371	2,038,997	5,707,474
27	Printing and publishing.....	(NA)	35,368	6,836	24,875	864,101	4,479,679	529,504	995,923	2,590,865	7,922,962
28	Chemicals and allied products ⁸ ...	(NA)	11,309	3,751	3,072	699,166	3,947,175	453,411	908,824	2,244,318	12,270,371
29	Petroleum and coal products ⁸	(NA)	1,608	653	334	179,166	1,116,673	130,508	255,360	758,422	2,518,424
30	Rubber and plastics products, nec ⁸	(NA)	4,462	1,827	1,528	1,723,295	5,412,405	270,500	530,976	1,211,372	3,276,612
31	Leather and leather products ⁸	(NA)	4,534	2,225	2,115	349,050	1,145,683	310,048	565,874	912,024	1,897,465
32	Stone, clay and glass products...	(NA)	15,022	4,478	8,701	554,042	2,594,971	445,866	883,823	1,933,949	5,528,952
33	Primary metal industries ⁸	(NA)	6,446	3,411	2,282	1,096,359	6,303,447	886,594	1,676,937	4,713,957	11,671,341
34	Fabricated metal products ⁸	(NA)	24,782	8,312	12,691	1,057,986	5,412,405	812,587	1,603,453	3,724,130	9,412,183
35	Machinery, except electrical ⁸	(NA)	29,839	7,360	18,041	1,348,245	7,303,661	949,132	1,852,822	4,646,579	12,391,190
36	Electrical machinery ⁸	(NA)	8,091	3,799	2,301	1,122,284	5,605,985	808,621	1,589,497	3,509,746	10,395,369
37	Transportation equipment ⁸	(NA)	6,607	2,662	3,322	1,557,759	9,164,581	1,134,640	2,266,224	6,019,960	15,283,694
38	Instruments & related products ⁸ ...	(NA)	3,526	1,193	1,449	296,558	1,578,481	202,373	398,744	921,498	2,906,390
39	Miscellaneous manufacturing ⁸ 10..	(NA)	14,273	3,606	9,384	571,434	2,847,330	412,734	810,283	1,702,441	4,754,260
20	Food and kindred products ⁸ ...	(NA)	41,619	14,760	27,272	1,698,814	7,553,284	1,137,621	2,282,823	4,502,056	17,532,558
201	Meat products ⁸	(NA)	5,528	2,067	4,334	311,758	1,465,624	243,389	487,275	1,061,888	2,499,233
2011	Meat packing plants.....	2,646	2,801	977	2,367	200,783	1,067,896	150,786	308,991	768,096	1,746,603
2013	Prepared meats ⁸	1,430	1,494	496	1,038	48,586	236,915	36,460	74,096	161,807	442,058
2015	Poultry dressing plants.....	1,095	1,233	594	929	62,389	160,813	56,143	104,188	131,985	310,572
202	Dairy products.....	(NA)	9,879	3,315	6,371	293,802	1,346,026	142,034	297,110	580,177	2,866,779
2021	Creamery butter.....	990	1,058	228	334	17,295	62,875	12,294	25,561	42,314	147,207
2022	Natural cheese.....	1,026	1,203	160	802	13,461	49,389	11,152	22,710	39,092	109,098
2023	Condensed and evaporated milk..	161	313	202	55	13,445	61,443	10,758	22,237	46,547	202,709
2024	Ice cream and frozen desserts..	1,167	1,382	454	872	34,562	153,042	18,583	37,511	72,172	393,037
2025	Special dairy products.....	97	107	35	50	3,571	13,600	2,968	5,775	10,746	23,923
2026	Fluid milk ⁸	5,157	5,816	2,236	4,258	211,468	1,005,677	86,279	182,316	369,306	1,990,805
203	Canned and frozen foods ⁸	(NA)	3,693	1,908	1,890	223,323	741,856	192,697	365,924	570,617	1,895,705
2031	Canned and cured seafoods.....	303	333	168	200	14,713	46,129	13,254	21,077	37,416	110,242
2032	Canned specialties.....	93	107	69	30	24,186	109,479	19,496	41,562	81,397	134,847
2033	Canned fruits and vegetables...	1,315	1,607	913	705	100,084	319,694	88,091	168,480	252,711	1,808,306
2034	Dehydrated fruits & vegetables..	130	161	67	86	7,599	28,338	6,638	12,781	21,791	75,529
2035	Pickles and sauces.....	566	619	205	409	19,500	70,494	15,623	29,792	48,511	116,624
2036	Fresh or frozen packaged fish..	429	440	223	344	17,469	40,918	15,457	25,958	31,933	182,368
2037	Frozen fruits and vegetables...	347	426	263	116	39,772	126,804	34,138	66,274	96,858	132,789
204	Grain mill products.....	(NA)	3,484	1,097	2,115	118,984	575,775	83,863	178,010	375,060	1,855,693
2041	Flour and meal.....	703	814	250	621	28,215	140,121	20,519	44,111	96,165	393,053
2042	Prepared animal feeds.....	2,016	2,379	715	1,394	57,313	252,346	38,010	81,406	151,819	798,892
2043	Cereal preparations.....	23	43	25	10	10,927	61,902	8,490	16,803	44,101	243,088
2044	Rice milling.....	61	72	51	23	3,843	14,286	2,903	5,982	8,976	53,152
2045	Blended and prepared flour.....	112	117	30	45	4,894	28,353	3,556	7,467	17,664	118,073
2046	Wet corn milling.....	53	59	26	22	13,792	78,767	10,385	22,241	56,335	249,435
205	Bakery products.....	(NA)	6,319	2,352	5,379	301,296	1,333,630	179,600	358,791	695,080	2,634,310
2051	Bread and related products.....	5,305	5,985	2,149	5,242	256,963	1,154,240	145,393	290,460	572,636	2,111,820
2052	Biscuit and crackers.....	280	334	203	137	44,333	179,390	34,207	68,331	122,444	522,490
206	Sugar.....	(NA)	144	135	20	28,548	142,567	23,424	52,112	112,089	337,058
2061	Raw cane sugar.....	45	50	44	20	3,011	9,388	2,581	5,844	7,498	21,841
2062	Cane sugar refining.....	16	28	25	...	15,213	83,962	11,807	25,321	63,371	184,824
2063	Beet sugar.....	15	66	66	...	10,324	49,217	9,036	20,947	41,220	130,393
207	Candy and related products.....	(NA)	1,444	461	991	80,010	299,030	64,507	125,177	209,647	749,066
2071	Confectionery products.....	1,327	1,390	421	987	66,395	236,685	54,237	104,716	168,057	511,688
2072	Chocolate and cocoa products...	26	28	25	...	8,271	38,427	6,492	13,193	38,371	135,098
2073	Chewing gum.....	24	26	15	4	5,344	23,918	3,778	7,268	14,080	102,280
208	Beverages.....	(NA)	5,558	1,928	2,979	206,197	1,041,366	115,114	225,706	534,620	2,835,661
2082	Malt liquors.....	211	258	224	9	71,494	442,321	47,894	91,500	279,559	1,114,590
2083	Malt.....	32	46	34	6	2,404	16,338	1,802	3,556	10,910	55,087
2084	Wines and brandy.....	216	239	73	117	5,941	29,029	4,319	8,638	17,659	114,242
2085	Distilled liquor except brandy...	88	122	91	9	20,528	102,619	16,629	32,207	73,870	1,444,831
2086	Bottled and canned soft drinks.	3,994	4,362	1,411	2,632	96,347	401,713	39,164	79,328	130,339	844,688
2087	Flavorings.....	502	531	95	206	9,483	49,346	5,306	10,477	22,283	262,223

See footnotes at end of table.

GENERAL SUMMARY

1-7

by Industry Groups and Industries: 1958 and 1954

relating to each industry, refer to the Industry Chapters, Volume II, 1958 Census of Manufactures)

1958—Continued				1954											Code	
Value of shipments (\$1,000)	Capital expenditures, new ³ (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted ² (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)		
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)							
(⁶)	9,075,759	(NA)	(NA)	(NA)	286,814	90,470	197,850	15,645,491	62,962,664	117,032,326	(⁶)	7,816,752	(NA)	(NA)		
(⁶)	964,624	(NA)	(NA)	(NA)	42,373	13,648	30,738	1,646,591	6,200,099	13,766,995	(⁶)	787,649	(NA)	(NA)	20	
(⁶)	38,069	(NA)	(NA)	(NA)	627	291	376	94,863	259,689	1,004,056	(⁶)	28,018	(NA)	(NA)	21	
(⁶)	211,744	(NA)	(NA)	(NA)	8,054	4,846	3,060	1,027,802	2,988,894	4,605,985	(⁶)	219,562	(NA)	(NA)	22	
(⁶)	89,450	(NA)	(NA)	(NA)	31,372	13,280	23,044	1,190,064	3,201,795	5,165,547	(⁶)	76,552	(NA)	(NA)	23	
(⁶)	276,893	(NA)	(NA)	(NA)	41,484	6,387	41,987	645,936	1,933,523	3,241,606	(⁶)	217,361	(NA)	(NA)	24	
(⁶)	81,746	(NA)	(NA)	(NA)	10,273	3,012	7,323	340,694	1,197,376	1,997,506	(⁶)	61,945	(NA)	(NA)	25	
(⁶)	618,488	(NA)	(NA)	(NA)	5,004	3,177	1,360	527,710	2,204,670	4,630,153	(⁶)	532,723	(NA)	(NA)	26	
(⁶)	408,610	(NA)	(NA)	(NA)	32,530	6,054	24,329	803,482	3,619,479	6,403,088	(⁶)	236,897	(NA)	(NA)	27	
(⁶)	1,115,806	(NA)	(NA)	(NA)	11,074	3,959	3,523	733,896	3,376,959	9,546,908	(⁶)	926,610	(NA)	(NA)	28	
(⁶)	671,926	(NA)	(NA)	(NA)	1,262	592	281	183,339	953,235	2,240,876	(⁶)	673,883	(NA)	(NA)	29	
(⁶)	196,836	(NA)	(NA)	(NA)	3,845	1,482	1,596	338,493	1,409,564	2,552,789	(⁶)	173,721	(NA)	(NA)	30	
(⁶)	31,736	(NA)	(NA)	(NA)	4,845	2,267	2,565	356,578	1,027,314	1,640,804	(⁶)	28,053	(NA)	(NA)	31	
(⁶)	442,286	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	32	
(⁶)	1,427,619	(NA)	(NA)	(NA)	6,170	3,388	2,455	1,169,331	5,329,532	9,899,138	(⁶)	918,967	(NA)	(NA)	33	
(⁶)	458,397	(NA)	(NA)	(NA)	22,042	7,382	13,465	1,060,431	4,605,409	8,021,147	(⁶)	447,567	(NA)	(NA)	34	
(⁶)	676,419	(NA)	(NA)	(NA)	31,619	10,214	18,895	2,441,736	10,859,724	18,981,289	(⁶)	1,030,586	(NA)	(NA)	35	
(⁶)	449,925	(NA)	(NA)	(NA)		5,349	2,318	2,976	1,705,501	8,300,103	13,428,014	(⁶)	924,898	(NA)	(NA)	36
(⁶)	608,273	(NA)	(NA)	(NA)		3,141	984	1,635	272,586	1,200,323	2,130,958	(⁶)	94,008	(NA)	(NA)	37
(⁶)	123,621	(NA)	(NA)	(NA)		14,588	3,856	10,399	614,644	2,356,891	3,909,238	(⁶)	137,098	(NA)	(NA)	38
(⁶)	183,231	(NA)	(NA)	(NA)	14,588	3,856	10,399	614,644	2,356,891	3,909,238	(⁶)	137,098	(NA)	(NA)	39	
(⁶)	964,624	(NA)	(NA)	(NA)	42,373	13,648	30,738	1,646,591	6,200,099	13,766,995	(⁶)	787,649	(NA)	(NA)	20	
(⁶)	104,736	(NA)	(NA)	(NA)	4,992	1,861	4,180	311,366	1,234,617	1,938,307	(⁶)	91,362	(NA)	(NA)	201	
11,962,273	63,129	98	88	2,228	2,367	933	2,021	220,194	942,970	1,397,175	10,265,319	64,976	98	87	2011	
2,066,257	17,028	97	33	1,254	1,316	435	990	44,997	186,939	333,751	1,541,072	15,617	98	28	2013	
1,888,166	24,579	98	98	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2015	
(⁶)	200,971	(NA)	(NA)	(NA)	11,503	3,171	8,682	283,431	1,086,291	2,302,546	(⁶)	163,123	(NA)	(NA)	202	
1,023,460	15,309	70	80	1,172	1,262	248	431	21,019	65,601	142,399	1,013,797	13,566	74	77	2021	
684,248	12,884	89	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2022	
820,649	12,746	84	69	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2023	
946,504	26,057	94	71	1,375	1,587	477	1,072	36,488	134,171	335,430	773,491	25,733	93	70	2024	
189,366	1,509	90	97	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2025	
6,412,333	132,466	90	95	6,250	6,689	2,011	6,001	191,397	767,045	1,514,589	4,866,448	98,910	82	94	2026	
(⁶)	100,197	(NA)	(NA)	(NA)	3,513	1,782	2,051	199,238	573,057	1,374,088	(⁶)	75,727	(NA)	(NA)	203	
11325,088	2,524	95	91	(NA)	329	174	233	16,857	42,771	1105,289	11304,798	2,729	96	94	2031	
11846,881	16,409	86	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2032	
11227,041	40,131	89	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2033	
273,286	6,686	97	93	119	148	64	92	7,011	22,026	56,039	194,524	3,421	95	97	2034	
11525,309	11,197	81	82	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2035	
11307,399	3,637	93	96	288	295	135	245	12,200	27,190	1148,729	11176,766	2,813	94	95	2036	
11,025,897	19,613	88	91	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2037	
(⁶)	112,597	(NA)	(NA)	(NA)	3,410	1,085	2,281	123,507	494,888	1,466,926	(⁶)	81,737	(NA)	(NA)	204	
2,086,706	22,109	93	85	692	803	260	555	28,969	119,844	330,634	2,002,227	15,240	94	84	2041	
3,238,414	54,863	97	91	2,037	2,292	685	1,606	59,890	225,199	629,963	2,981,435	36,812	95	90	2042	
444,132	7,521	80	81	37	46	27	6	11,534	51,002	177,171	365,728	4,403	77	80	2043	
312,061	1,442	100	100	65	80	58	28	3,964	13,367	44,304	273,770	3,538	99	100	2044	
279,364	8,606	68	38	123	131	34	62	5,585	25,446	106,132	267,175	5,353	71	45	2045	
528,530	18,056	91	96	54	58	21	24	13,565	60,030	178,722	458,442	16,391	91	96	2046	
(⁶)	114,742	(NA)	(NA)	(NA)	6,414	2,146	5,745	291,100	1,124,426	2,056,946	(⁶)	89,630	(NA)	(NA)	205	
4,098,612	99,240	98	99	5,470	6,103	2,024	5,540	246,337	973,546	1,636,810	3,345,200	75,725	98	99	2051	
980,780	15,502	97	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2052	
(⁶)	34,114	(NA)	(NA)	(NA)	137	131	21	30,166	117,834	264,761	(⁶)	19,123	(NA)	(NA)	206	
72,553	1,815	97	100	43	49	43	21	3,078	8,949	17,640	64,715	2,659	97	100	2061	
997,288	24,329	100	100	16	23	23	...	16,068	66,431	133,380	866,835	10,553	100	100	2062	
392,212	7,970	100	100	15	65	65	...	11,019	42,453	113,741	300,951	5,910	100	100	2063	
(⁶)	32,080	(NA)	(NA)	(NA)	1,490	486	1,078	80,425	254,988	609,853	(⁶)	21,272	(NA)	(NA)	207	
1,277,955	24,730	96	96	(NA)	1,434	446	1,074	66,799	201,706	431,883	1,034,955	13,399	96	96	2071	
447,156	4,129	98	87	27	28	24	3	8,465	33,133	85,741	433,632	3,636	98	89	2072	
175,941	3,221	92	96	27	28	16	1	5,161	20,149	92,227	159,036	4,235	98	98	2073	
(⁶)	150,915	(NA)	(NA)	(NA)	5,942	1,822	3,565	213,387	912,737	2,468,333	(⁶)	183,243	(NA)	(NA)	208	
1,982,664	62,395	100	100	263	301	266	13	81,346	420,546	1,106,303	1,870,769	114,534	100	100	2082	
195,327	3,131	100	98	35	45	34	5	2,603	14,627	50,312	203,614	3,257	100	100	2083	
(⁶)	6,526	(12)	1296	244	262	66	135	5,724	23,258	100,394	(⁶)	2,216	(NA)	(NA)	2084	
11927,992	9,908	98	100	98	133	97	15	21,505	89,367	11338,403	11754,643	8,863	99	100	2085	
1,512,612	63,440	98	98	...	4,643	1,250	3,166	91,616	319,879	651,151	1,189,254	47,731	98	99	2086	
512,607	5,515	90	83	530	558	109	231	10,593	45,060	221,756	459,433	6,642	91	87	2087	

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted ² (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
209	Food & kindred products—Con.	(NA)	5,570	1,497	3,193	135,140	607,410	92,993	192,718	362,878	1,859,053
2091	Other food preparations.....	125	124	163	17	8,355	31,223	6,310	14,899	20,006	63,587
2092	Cottonseed oil mills.....	82	117	83	18	8,095	41,909	5,742	12,828	27,067	139,612
2093	Soybean oil mills.....	38	46	20	14	2,252	1,794	3,861	9,544	42,066	
2094	Vegetable oil mills, nec.....	461	539	173	310	12,384	60,095	9,009	19,851	40,327	127,121
2095	Grease and tallow.....	71	78	37	17	2,191	7,774	1,899	3,777	6,046	24,475
2096	Animal oils, nec.....	62	105	80	11	12,489	70,993	8,569	18,414	44,196	221,519
2097	Shortening and cooking oils....	1,099	1,570	170	916	14,557	52,498	8,996	18,911	31,060	107,527
2098	Manufactured ice.....	205	214	76	179	6,825	27,910	4,930	9,597	16,445	67,130
2099	Macaroni and spaghetti.....	2,415	2,687	695	1,711	67,992	302,483	45,744	90,580	168,187	1,066,017
21	Food preparations, nec.....	(NA)	504	280	247	84,467	294,650	76,306	146,992	247,842	1,413,460
2111	Tobacco products.....	12	19	16	1	33,832	142,413	31,037	60,567	125,765	¹¹ 1,058,554
2121	Cigarettes.....	247	283	114	204	29,350	81,882	27,048	49,894	70,077	¹¹ 183,140
2131	Cigars.....	52	58	28	23	6,348	23,693	5,319	9,967	17,470	¹¹ 86,188
2141	Chewing and smoking tobacco....	64	144	122	19	14,937	46,662	12,902	26,564	34,530	¹¹ 85,578
22	Tobacco stemming and redrying....	(NA)	7,675	4,617	2,666	901,677	2,938,140	810,490	1,568,004	2,408,291	4,857,638
2211	Textile mill products ⁸	325	496	395	63	243,419	724,481	228,609	443,255	646,678	1,078,592
2221	Weaving mills, cotton.....	324	401	310	78	81,688	276,655	74,452	150,649	233,965	468,583
2231	Weaving, finishing mills, wool...	411	469	311	144	55,952	206,094	49,053	98,662	166,189	336,618
2241	Narrow fabric mills.....	453	488	242	163	24,587	85,923	21,534	42,592	65,225	142,638
225	Knitting mills.....	(NA)	2,786	1,704	1,323	213,346	649,773	190,232	349,121	520,063	1,101,375
2251	Full-fashioned hosiery mills...	390	432	241	204	33,687	103,998	30,119	56,143	86,226	172,996
2252	Seamless hosiery mills.....	611	659	489	364	69,483	177,104	64,438	112,878	151,762	290,825
2253	Knit outerwear mills.....	1,114	1,123	633	572	60,672	203,998	52,608	97,557	154,804	¹¹ 339,914
2254	Knit underwear mills.....	132	140	122	38	27,918	81,183	24,613	45,369	64,448	¹¹ 135,703
2256	Knit fabric mills.....	336	357	181	112	18,356	73,871	15,689	32,301	55,693	147,394
2259	Knitting mills, nec.....	71	75	38	33	3,230	9,619	2,765	4,873	7,130	¹¹ 14,543
226	Textile finishing, except wool...	(NA)	798	385	208	73,205	292,977	62,573	129,535	229,358	455,945
2261	Finishing plants, cotton.....	426	446	174	144	49,212	189,866	42,105	86,510	149,247	289,115
2262	Finishing plants, synthetics...	185	197	132	26	16,185	74,297	13,650	29,296	57,615	114,825
2269	Finishing plants, nec.....	149	155	79	38	7,808	28,814	6,818	13,729	22,496	52,005
227	Floor covering mills.....	(NA)	282	172	124	33,668	123,269	28,369	56,634	92,057	260,466
2271	Woven carpets and rugs.....	60	69	47	24	18,151	74,395	14,969	30,267	55,053	128,444
2272	Tufted carpets and rugs.....	88	92	72	33	11,528	36,313	9,880	19,532	26,936	108,846
2279	Carpets and rugs, nec.....	121	121	53	67	3,989	12,561	3,520	6,835	10,068	23,176
228	Yarn and thread mills.....	(NA)	787	600	155	106,888	307,043	98,541	185,276	258,399	514,044
2281	Yarn mills, except wool.....	268	356	310	42	67,836	179,782	63,864	117,472	157,217	292,219
2282	Throwing and winding mills....	182	195	119	57	11,862	37,580	10,275	20,265	28,699	67,648
2283	Wool yarn mills.....	142	150	122	31	15,977	54,202	14,675	29,057	45,078	91,212
2284	Thread mills.....	70	86	49	25	11,213	35,479	9,727	18,482	27,006	62,965
229	Miscellaneous textile goods.....	(NA)	1,168	498	408	68,924	271,925	57,127	112,280	196,357	499,377
2291	Felt goods, nec.....	61	66	28	18	4,573	21,268	3,625	7,704	15,355	44,443
2292	Lace goods.....	201	208	66	97	6,689	25,764	5,776	10,406	19,452	34,247
2293	Padding and upholstery filling.	177	196	83	81	7,139	29,510	5,854	11,626	20,767	57,303
2294	Processed textile waste.....	181	183	68	80	4,607	17,038	3,811	7,684	11,775	31,100
2295	Coated fabric, not rubberized..	122	126	64	17	10,182	53,980	7,196	15,405	33,761	100,420
2296	Tire cord and fabric.....	12	23	23	...	12,214	36,063	11,322	20,960	32,233	69,844
2297	Scouring and combing plants....	78	81	46	23	6,075	22,663	5,392	11,196	17,904	36,073
2298	Scourage and twine.....	128	147	71	51	9,583	33,134	8,187	15,550	24,662	65,106
2299	Textile goods, nec.....	128	138	49	41	7,862	32,505	5,964	11,749	20,448	60,841
23	Apparel and related products ⁸	(NA)	29,297	13,008	18,959	1,180,517	3,585,646	1,031,784	1,836,564	2,770,570	6,003,853
2311	Men's and boys' suits and coats..	1,286	1,365	763	750	122,205	407,986	107,215	184,782	321,525	¹¹ 642,510
232	Men's and boys' furnishings ⁸	(NA)	3,120	1,877	1,579	272,460	693,239	247,057	441,369	568,885	1,136,917
2321	Men's dress shirts & nightwear...	738	880	606	309	103,596	254,139	94,609	169,035	210,309	¹¹ 421,876
2322	Men's and boys' underwear.....	79	91	73	21	12,326	30,285	11,108	19,338	25,111	¹¹ 51,621
2323	Men's and boys' neckwear.....	362	362	111	265	7,734	26,835	6,177	10,786	17,538	¹¹ 48,938
2327	Separate trousers.....	719	748	367	500	51,632	134,027	47,229	85,290	109,510	¹¹ 209,050
2328	Work clothing.....	376	500	396	193	64,780	154,834	59,328	104,481	132,570	¹¹ 255,481
2329	Men's and boys' clothing, nec..	516	539	324	291	32,392	93,119	28,606	52,439	73,847	¹¹ 149,951
233	Women's and misses' outerwear....	(NA)	9,751	5,537	5,971	360,009	1,154,007	310,759	544,042	875,352	1,913,626
2331	Blouses.....	1,246	1,260	735	864	47,484	125,581	41,867	72,572	98,251	¹¹ 200,164
2335	Dresses.....	4,502	4,653	2,899	2,857	184,717	587,976	160,972	279,895	451,817	¹¹ 970,963
2337	Women's suits, coats & skirts..	2,653	2,683	1,350	1,566	84,145	309,671	70,651	123,278	229,374	¹¹ 514,901
2339	Women's outerwear, nec.....	1,119	1,155	553	684	43,663	130,779	37,269	68,297	95,910	¹¹ 227,598
234	Women's undergarments.....	(NA)	1,645	999	762	111,335	321,591	96,571	172,927	237,380	596,248
2341	Women's & children's underwear.	1,170	1,231	720	661	73,527	199,652	65,008	116,788	154,780	¹¹ 347,705
2342	Corsets and allied garments....	353	414	279	101	37,808	121,939	31,563	56,139	82,600	¹¹ 248,543

See footnotes at end of table.

GENERAL SUMMARY

1-9

by Industry Groups and Industries: 1958 and 1954-Continued

1958—Continued				1954											Code
Value of shipments (\$1,000)	Capital expenditures, new ³ (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted ² (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)						
(6)	114,272	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(NA)	(NA)	209
420,649	6,605	92	92	145	286	144	27	13,665	43,103	111,734	592,298	11,680	96	93	2091
1,080,798	14,668	87	94	55	88	69	1	6,922	29,453	107,218	877,408	8,479	88	96	2092
314,695	2,032	80	93	(NA)	63	36	16	3,723	14,823	36,654	338,100	3,781	75	85	2093
328,920	9,375	93	62	427	500	144	339	11,466	46,633	96,625	236,792	8,138	88	55	2094
60,378	3,370	95	87	58	61	37	17	2,294	8,430	21,813	67,379	4,544	89	66	2095
1,239,129	12,389	93	90	(NA)	135	81	29	12,024	52,877	227,804	1,154,236	12,449	86	83	2096
149,552	6,368	99	99	1,430	1,963	252	1,203	20,854	61,811	123,833	170,674	7,761	100	97	2097
180,190	5,274	97	98	226	233	84	183	7,058	24,278	52,568	154,830	2,469	98	95	2098
3,432,094	54,191	95	95	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2099
(6)	38,069	(NA)	(NA)	(NA)	627	291	376	94,863	259,689	1,004,056	(6)	28,018	(NA)	(NA)	21
112,159,987	20,490	99	100	12	19	18	...	29,987	103,779	116,765,593	11,642,190	20,362	99	100	2111
11355,048	6,015	100	100	375	410	129	323	38,494	89,259	11168,366	11342,285	2,884	99	100	2121
11175,770	1,079	98	88	58	65	28	33	7,535	23,372	1179,619	11164,277	1,205	96	89	2131
11176,710	10,485	100	100	72	133	116	20	18,846	43,278	1179,476	11222,029	3,566	100	99	2141
(6)	211,744	(NA)	(NA)	(NA)	8,054	4,846	3,060	1,027,802	2,988,894	4,605,985	(6)	219,562	(NA)	(NA)	22
2,748,584	48,441	94	82	413	582	476	68	296,193	783,011	1,135,365	2,838,312	55,200	95	83	2211
1,225,509	15,043	85	88	396	478	347	116	89,994	272,872	408,564	1,153,939	12,995	87	89	2221
929,040	9,702	94	96	(NA)	399	306	83	66,681	229,735	330,385	(6)	13,021	(NA)	(NA)	2231
301,482	6,307	94	97	489	513	252	222	25,676	79,063	124,013	263,391	4,802	96	94	2241
(6)	43,618	(NA)	(NA)	(NA)	3,045	1,223	1,608	221,364	597,319	939,816	(6)	39,982	(NA)	(NA)	225
(6)	6,098	(12)	(12)	716	789	420	409	60,150	178,454	270,779	(6)	7,698	1290	1290	2251
597,437	13,519	93	90	566	609	444	306	63,350	135,481	203,156	439,873	12,986	96	93	2252
11813,577	11,155	91	74	1,081	1,083	529	722	46,403	139,182	11236,495	11578,590	9,853	93	73	2253
11291,852	5,459	88	35	140	149	133	41	31,262	77,501	11104,739	11261,535	2,982	88	39	2254
487,185	7,132	94	90	324	340	153	100	16,812	57,878	111,621	379,936	6,214	94	91	2256
1130,092	(13)	91	18	(NA)	75	44	30	3,384	8,821	1113,026	1128,553	(13)	(NA)	(NA)	2259
(6)	21,386	(NA)	(NA)	680	725	403	183	79,308	292,324	462,365	998,144	21,900	86	41	226
686,237	15,662	85	57	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2261
210,568	3,607	93	54	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2262
158,033	2,117	95	73	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2269
(6)	14,527	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	227
335,536	5,854	87	97	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2271
317,639	8,007	94	93	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2272
54,533	666	78	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2279
(6)	25,597	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	228
855,363	15,507	93	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2281
174,646	3,164	95	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2282
273,584	5,149	85	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2283
168,570	1,777	90	91	84	97	53	28	13,908	38,281	62,406	185,553	8,543	88	94	2284
(6)	27,123	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	229
95,435	1,099	89	86	65	72	33	23	5,987	23,376	42,610	101,703	1,623	90	92	2291
63,282	1,194	98	95	133	138	62	67	7,442	26,117	37,571	61,767	1,941	99	94	2292
139,565	2,372	92	88	179	200	82	101	9,111	33,031	62,633	155,757	3,485	91	90	2293
93,459	929	96	93	198	203	77	79	5,768	17,570	32,185	98,159	1,513	96	93	2294
246,616	8,576	82	80	103	106	51	22	8,547	41,699	79,868	213,627	4,117	86	82	2295
375,790	6,029	85	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2296
87,567	1,275	92	59	70	74	48	6	7,013	24,300	33,523	100,663	2,391	83	60	2297
141,579	1,632	92	93	119	137	75	46	12,327	37,374	73,511	162,702	2,614	90	89	2298
134,623	4,017	84	86	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2299
(6)	89,450	(NA)	(NA)	(NA)	31,372	13,280	23,044	1,190,064	3,201,795	5,165,547	(6)	76,552	(NA)	(NA)	23
111,295,362	4,906	93	97	1,255	1,310	687	851	119,001	374,795	11527,234	11,172,979	3,466	91	96	2311
(6)	16,960	(NA)	(NA)	(NA)	3,901	2,161	2,434	285,594	638,732	1,006,366	(6)	16,684	94	81	232
11967,223	5,687	90	81	838	971	676	411	108,304	236,726	11370,129	11923,577	6,370	91	85	2321
11121,646	908	89	38	72	82	60	29	9,385	18,923	1131,453	1186,282	1,168	88	28	2322
11102,405	584	97	98	403	403	127	321	9,483	27,797	1149,351	11107,556	(13)	98	92	2323
11452,414	3,970	89	71	768	798	410	608	51,652	118,688	11180,384	11402,055	2,776	89	75	2327
11689,819	3,452	84	95	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2328
11365,963	2,359	78	57	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2329
(6)	22,257	(NA)	(NA)	(NA)	10,298	5,587	7,400	363,896	1,046,120	1,696,376	(6)	15,499	98	92	233
11454,103	2,277	89	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2331
112,043,422	9,436	97	98	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2335
111233,227	6,984	93	93	3,178	3,204	1,476	2,235	96,022	326,933	11531,574	11,272,030	3,621	94	93	2337
11506,298	3,560	81	52	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2339
(6)	8,143	(NA)	(NA)	(NA)	1,843	1,087	1,020	112,234	284,814	509,781	(6)	8,432	96	88	234
11814,721	5,404	96	83	1,276	1,352	767	836	73,427	176,305	11295,169	11778,061	5,431	95	98	2341
11467,485	2,739	96	98	424	491	320	184	38,807	108,509	11214,611	11397,193	3,001	96	(NA)	2342

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted ² (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
	Apparel & related products— Continued										
235	Millinery, hats and caps.....	(NA)	1,249	453	788	35,539	123,429	30,832	55,891	96,409	200,431
2351	Millinery.....	801	803	284	449	17,838	64,095	15,417	28,088	50,173	1109,133
2352	Hats and caps.....	428	446	169	339	17,701	59,334	15,415	27,803	46,236	1191,292
236	Children's outerwear.....	(NA)	1,928	1,074	1,245	80,809	231,184	71,024	127,147	178,584	381,349
2361	Children's dresses ⁸	766	802	487	557	36,123	100,818	31,870	57,111	78,341	1167,094
2363	Children's coats.....	361	370	210	222	12,798	42,435	10,967	19,488	31,527	1168,205
2369	Children's outerwear, nec ⁸	735	756	377	466	31,888	87,931	28,187	50,548	68,716	1146,050
2371	Fur goods.....	1,651	1,651	78	1,280	9,355	50,454	7,944	13,648	41,715	1195,411
238	Miscellaneous apparel.....	(NA)	1,701	729	1,050	60,026	177,499	51,884	91,989	133,232	306,277
2381	Fabric dress and work gloves...	189	228	130	116	13,941	32,870	12,641	21,871	27,180	1153,930
2384	Robes and dressing gowns.....	274	278	155	218	10,625	30,461	9,258	15,975	22,754	1156,442
2385	Waterproof outer garments.....	270	277	136	127	13,159	43,114	11,315	20,202	32,217	1173,070
2386	Leather and sheeplined clothing	154	154	71	99	4,626	16,166	4,037	7,488	12,410	1127,847
2387	Apparel belts.....	453	455	144	283	10,150	31,801	8,498	15,441	22,503	1153,726
2389	Apparel, nec.....	303	309	93	207	7,525	23,087	6,135	11,012	16,168	1141,262
239	Fabricated textiles, nec ⁸	(NA)	6,887	1,498	5,534	128,779	426,257	108,498	204,769	317,488	731,084
2391	Curtains and draperies.....	759	783	206	611	16,366	48,403	14,141	26,814	36,923	87,273
2392	Housefurnishings, nec.....	1,177	1,205	393	855	36,769	113,402	31,552	59,297	83,302	218,295
2393	Textile bags.....	217	237	101	122	9,114	30,047	7,557	14,673	21,942	51,638
2394	Canvas products.....	844	851	124	704	9,875	35,175	7,679	14,692	23,730	53,696
2397	Schiffli machine embroideries..	702	703	48	713	5,739	24,451	5,148	10,772	20,771	44,311
2398	Trimmings and stitching.....	2,170	2,189	414	1,855	32,986	116,993	27,740	50,854	89,548	177,784
2399	Textile products, nec.....	906	919	212	674	17,930	57,786	14,681	27,667	41,272	98,087
24	Lumber and wood products.....	(NA)	37,789	5,884	38,072	581,302	1,986,109	505,476	959,935	1,624,983	3,176,613
2411	Logging camps and contractors....	12,627	12,805	554	14,425	71,505	226,742	62,363	108,463	194,685	387,418
242	Sawmills and planing mills ⁸	(NA)	16,550	2,854	18,017	278,003	867,570	244,643	463,008	735,251	1,341,127
2421	Sawmills and planing mills.....	15,371	15,636	2,486	17,364	245,687	770,296	215,699	406,984	655,668	1,194,650
2426	Hardwood dimension and flooring	415	436	263	232	25,140	75,177	22,479	45,346	60,779	110,354
2429	Special product sawmills, nec..	418	478	105	421	7,176	22,097	6,465	10,678	18,804	36,123
243	Millwork and related products....	(NA)	4,125	1,313	2,661	134,858	570,802	114,343	226,282	442,861	925,023
2431	Millwork plants.....	3,112	3,163	713	2,348	61,962	267,997	50,309	98,542	196,922	412,548
2432	Veneer and plywood plants ⁸	513	588	450	176	59,346	240,821	54,092	108,437	207,645	390,131
2433	Prefabricated wood products.....	364	374	150	137	13,550	61,984	9,942	19,303	38,294	122,344
244	Wooden containers ⁸	(NA)	1,278	417	872	39,569	121,748	35,437	67,743	99,092	183,523
2441	Nailed wooden boxes and shooks..	847	885	258	665	20,916	68,517	18,427	35,625	55,093	102,248
2442	Wirebound boxes and crates.....	84	98	59	51	9,366	26,113	8,516	16,342	20,957	43,109
2443	Veneer and plywood containers..	100	105	65	52	5,416	12,850	5,059	9,245	11,013	18,323
2445	Cooperage.....	126	190	35	104	3,871	14,268	3,435	6,531	12,029	19,843
249	Miscellaneous wood products.....	(NA)	3,031	746	2,097	57,367	199,247	48,690	94,439	153,094	339,522
2491	Wood preserving.....	211	306	148	112	10,933	36,625	9,173	17,877	28,064	72,508
2499	Wood products, nec.....	2,612	2,725	598	1,985	46,434	162,622	39,517	76,562	125,030	267,014
25	Furniture and fixtures ⁸	(NA)	10,160	3,175	6,477	347,599	1,388,669	287,489	565,142	1,021,844	2,349,488
251	Household furniture.....	(NA)	6,512	2,296	4,017	251,417	942,095	212,239	417,085	706,874	1,579,626
2511	Wood furniture not upholstered.	2,742	2,816	931	1,809	125,320	442,181	109,045	217,617	344,536	704,660
2512	Wood furniture, upholstered....	1,707	1,761	683	1,037	61,485	233,646	51,819	99,572	177,682	391,243
2514	Metal household furniture.....	614	627	273	282	30,704	125,627	24,874	48,598	90,053	218,746
2515	Mattresses and bedsprings.....	1,158	1,215	377	832	31,703	132,258	24,651	47,874	88,197	248,801
2519	Household furniture, nec.....	92	93	32	57	2,205	8,383	1,850	3,424	6,406	16,176
252	Office furniture.....	(NA)	301	144	107	23,290	109,512	18,814	36,918	80,373	212,100
2521	Wood office furniture.....	147	150	56	73	5,821	23,516	4,957	10,007	17,627	38,427
2522	Metal office furniture.....	142	151	88	34	17,469	85,996	13,857	26,911	62,746	173,673
2531	Public building furniture.....	384	390	147	232	15,952	69,342	12,620	25,759	48,401	112,881
254	Partitions and fixtures.....	1,831	1,848	426	1,246	37,747	186,636	29,134	57,331	130,117	301,250
259	Furniture and fixtures, nec.....	(NA)	1,109	162	875	19,193	81,084	14,682	28,049	56,079	143,631
2591	Venetian blinds and shades.....	822	850	85	710	11,203	43,634	8,199	15,352	28,387	83,442
2599	Furniture and fixtures, nec.....	258	259	77	165	7,990	37,450	6,483	12,697	27,692	60,189
26	Paper and allied products....	(NA)	5,271	3,224	1,360	555,398	2,779,885	448,529	934,371	2,038,997	5,707,474
2611	Pulp mills.....	40	59	48	9	14,171	74,797	11,450	22,648	56,491	196,026
2621	Paper mills, except building.....	242	354	318	18	131,334	740,988	109,266	238,433	570,040	1,541,818
2631	Paperboard mills.....	149	252	250	5	57,086	321,765	47,533	102,760	252,164	840,057

See footnotes at end of table.

GENERAL SUMMARY

1-11

by Industry Groups and Industries: 1958 and 1954-Continued

1958—Continued				1954											
Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture adjusted ² (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Code
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)						
(⁶)	2,446	(NA)	(NA)	(NA)	1,457	498	969	40,538	125,737	191,361	(⁶)	1,480	(NA)	(NA)	235
¹¹ 190,263	1,371	99	99	865	871	290	527	20,235	65,809	¹¹ 101,618	¹¹ 175,599	(¹³)	99	98	2351
¹¹ 170,692	1,075	98	98	582	586	208	442	20,303	59,928	¹¹ 89,743	¹¹ 173,127	1,042	(NA)	(NA)	2352
(⁶)	5,014	(NA)	(NA)	(NA)	1,983	1,050	1,517	77,538	196,303	320,481	(⁶)	3,844	94	83	236
¹¹ 355,372	1,847	96	83	736	764	442	630	32,525	78,244	¹¹ 127,773	¹¹ 292,822	1,451	(NA)	(NA)	2361
¹¹ 163,821	783	95	85	400	407	214	315	14,399	44,980	¹¹ 72,003	¹¹ 173,756	574	91	81	2363
¹¹ 324,052	2,384	79	63	799	812	394	572	30,613	73,079	¹¹ 120,704	¹¹ 286,439	1,818	(NA)	(NA)	2369
¹¹ 281,335	2,644	99	100	1,972	1,972	63	1,669	9,983	40,453	¹¹ 75,843	¹¹ 238,347	(¹³)	99	100	2371
(⁶)	3,644	(NA)	(NA)	(NA)	1,804	741	1,238	64,333	163,381	268,847	(⁶)	4,091	92	86	238
¹¹ 118,749	556	94	84	(NA)	240	146	125	14,621	29,709	¹¹ 47,445	¹¹ 109,718	(¹³)	(NA)	(NA)	2381
¹¹ 132,671	(¹³)	93	96	322	328	157	274	10,957	27,039	¹¹ 43,229	¹¹ 109,292	(¹³)	93	(NA)	2384
¹¹ 146,175	958	90	90	291	294	154	161	12,872	34,702	¹¹ 58,941	¹¹ 121,165	844	89	81	2385
¹¹ 65,734	(¹³)	94	91	153	153	74	91	5,361	15,730	¹¹ 23,570	¹¹ 56,910	(¹³)	85	80	2386
¹¹ 99,053	816	92	95	501	503	168	394	12,571	35,403	¹¹ 60,131	¹¹ 112,368	658	92	94	2387
¹¹ 94,904	517	91	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2389
(⁶)	23,436	(NA)	(NA)	(NA)	7,274	1,509	6,312	134,560	381,319	647,621	(⁶)	23,586	94	77	239
217,029	1,861	96	92	697	716	182	420	13,988	36,899	63,816	180,180	1,208	94	89	2391
616,224	6,072	88	58	1,203	1,213	361	926	36,188	97,105	178,536	526,257	4,363	91	1259	2392
204,379	1,512	83	85	235	268	121	164	12,109	35,120	55,114	254,260	3,941	84	85	2393
131,336	1,848	90	90	1,100	1,119	150	1,004	13,540	40,180	65,146	147,683	1,285	89	86	2394
75,484	3,593	99	97	601	601	57	695	5,715	19,739	34,870	67,858	1,016	98	99	2397
431,890	5,769	94	96	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2398
247,113	2,781	88	76	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2399
(⁶)	276,893	(NA)	(NA)	(NA)	41,484	6,387	41,987	645,936	1,933,523	3,241,606	(⁶)	217,361	(NA)	(NA)	24
865,340	67,904	98	92	12,789	12,865	549	13,946	75,510	210,625	392,766	774,309	48,632	98	89	2411
(⁶)	138,696	(NA)	(NA)	(NA)	20,487	3,500	22,034	341,350	962,339	1,610,410	(⁶)	120,128	96	81	242
2,914,315	129,369	92	97	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2421
260,645	7,645	84	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2426
89,381	1,682	93	60	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2429
(⁶)	46,292	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	243
1,049,571	16,498	92	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2431
884,111	25,376	92	95	(NA)	516	434	207	52,026	187,754	303,713	654,541	14,339	93	93	2432
322,279	4,418	98	98	222	231	111	96	11,547	45,905	90,529	245,457	3,681	99	95	2433
(⁶)	6,332	(NA)	(NA)	(NA)	1,513	602	1,072	52,307	137,641	214,749	(⁶)	8,124	94	88	244
235,709	3,406	88	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2441
93,388	1,209	92	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2442
30,271	579	88	84	126	134	70	101	6,685	13,869	19,324	32,787	(¹³)	91	88	2443
70,070	1,138	95	98	104	180	32	63	3,723	12,350	16,884	61,189	973	97	99	2445
(⁶)	17,669	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	249
202,957	3,661	98	96	188	288	158	100	12,073	36,162	68,531	190,503	4,700	97	99	2491
522,333	14,008	90	88	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2499
(⁶)	81,746	(NA)	(NA)	(NA)	10,273	3,012	7,323	340,694	1,197,376	1,997,506	(⁶)	61,945	(NA)	(NA)	25
(⁶)	51,071	(NA)	(NA)	(NA)	6,470	2,149	4,450	243,932	818,893	1,335,958	(⁶)	40,284	96	95	251
1,378,630	26,234	94	94	2,731	2,785	958	1,923	124,898	388,409	602,091	1,170,568	17,161	94	93	2511
783,100	11,124	91	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2512
501,147	5,694	88	88	635	641	261	362	29,629	110,933	192,978	412,482	8,720	87	83	2514
572,150	7,333	90	88	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2515
30,643	686	88	68	69	69	19	52	1,285	4,437	7,895	15,812	2,161	86	59	2519
(⁶)	6,093	(NA)	(NA)	(NA)	241	127	113	21,652	84,826	157,199	(⁶)	5,350	84	87	252
68,392	840	89	82	111	112	50	60	5,509	18,788	29,059	54,358	615	86	86	2521
286,004	5,253	88	86	122	129	77	53	16,143	66,038	128,139	211,546	4,734	84	87	2522
208,406	4,941	88	80	291	292	119	174	14,044	52,638	90,168	163,772	3,781	83	86	2531
538,872	13,644	91	86	1,621	1,626	358	1,191	33,137	142,515	236,246	416,586	7,031	88	87	254
(⁶)	5,997	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	259
187,024	3,306	92	93	(NA)	1,112	121	1,000	13,784	42,834	80,918	196,479	2,697	(NA)	(NA)	2591
110,360	2,691	71	74	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2599
(⁶)	618,488	(NA)	(NA)	(NA)	5,004	3,177	1,360	527,710	2,264,670	4,630,153	(⁶)	532,723	(NA)	(NA)	26
427,997	42,991	98	73	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	2611
3,259,415	256,479	90	95	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	2621
1,690,918	102,100	90	90	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	2631

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			Value added by manu- facture, adjusted ² (\$1,000)
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
264	Paper & allied products—Con.	(NA)	2,245	1,072	719	150,972	704,602	119,208	238,733	484,300	1,412,894
2641	Paper and paperboard products....	291	340	176	85	27,794	143,476	20,652	43,399	94,206	319,588
2642	Paper coating and glazing ⁸	172	205	146	42	17,757	84,566	14,303	29,445	58,156	138,318
2643	Envelopes.....	379	461	251	126	39,042	169,888	31,667	63,197	122,343	308,874
2644	Bags, except textile bags.....	70	73	29	14	2,806	13,417	2,095	4,374	9,063	21,463
2645	Wallpaper.....	343	372	118	177	12,209	58,512	9,441	18,538	39,122	111,164
2646	Die-cut paper and board.....	46	55	28	15	4,472	21,254	3,697	7,781	15,929	49,819
2649	Pressed and molded pulp goods..	679	739	324	260	46,892	213,489	37,353	71,999	145,481	463,668
265	Paper and board products, nec..	(NA)	2,180	1,439	565	181,177	835,016	143,533	294,460	592,863	1,501,629
2651	Paperboard containers & boxes....	454	514	341	112	46,389	221,989	37,386	77,463	159,445	391,031
2652	Folding paperboard boxes.....	505	527	347	217	23,532	80,924	19,942	38,304	59,368	124,892
2653	Set-up paperboard boxes.....	547	805	514	176	70,792	345,117	53,531	110,517	233,981	596,934
2654	Corrugated shipping containers..	65	136	125	10	29,493	139,131	23,424	49,777	103,542	309,224
2655	Sanitary food containers.....	153	198	112	50	10,971	47,855	9,250	18,399	36,527	79,548
2661	Fiber cans, tubes, drums, etc. ⁸	14130	14181	97	44	20,658	102,717	17,539	37,337	83,139	215,050
27	Building paper and board mills...	(NA)	35,368	6,836	24,875	864,101	4,479,679	529,504	995,923	2,590,865	7,922,962
2711	Printing and publishing.....	7,947	8,250	1,724	6,456	294,258	1,493,136	154,014	276,910	775,857	2,516,921
2721	Newspapers.....	2,245	2,323	387	819	66,028	380,636	11,708	21,209	56,766	932,554
273	Periodicals.....	(NA)	1,694	438	835	68,694	337,844	34,755	67,846	156,775	843,034
2731	Books.....	883	903	233	307	40,069	193,854	11,023	21,088	44,463	616,241
2732	Books, publishing & printing...	785	791	205	528	28,625	143,990	23,732	46,758	112,312	226,793
2741	Book printing.....	1,038	1,105	164	581	19,870	95,518	6,538	12,029	28,633	206,851
275	Miscellaneous publishing.....	(NA)	17,276	2,768	13,262	287,803	1,516,861	225,884	433,021	1,112,286	2,344,472
2751	Commercial printing.....	12,878	13,002	1,640	10,703	189,078	954,240	150,426	286,790	720,845	1,482,604
2752	Printing: Letterpress.....	3,696	3,746	1,026	2,215	89,678	519,506	68,230	132,677	358,093	797,397
2753	Printing: Lithographic.....	520	528	102	344	9,047	43,115	7,228	13,554	33,348	64,471
2761	Engraving and plate printing...	672	704	165	436	23,618	120,945	16,883	32,823	79,623	245,229
2771	Manifold business forms.....	265	282	100	139	21,777	89,405	14,799	28,297	50,553	178,563
278	Greeting cards.....	(NA)	1,406	460	955	40,032	166,472	33,236	64,216	121,740	265,382
2782	Bookbinding and related work....	407	434	166	245	17,872	79,024	13,756	26,838	52,740	132,660
2789	Blankbooks; looseleaf binders..	966	972	294	710	22,160	87,448	19,480	37,378	69,000	132,722
279	Bookbinding and related work...	(NA)	2,328	630	1,392	42,021	278,862	31,687	59,572	208,632	389,956
2791	Printing trades services.....	1,181	1,188	247	855	18,011	109,352	14,377	27,278	85,430	155,123
2793	Typesetting.....	897	914	272	483	17,251	125,337	12,344	23,020	91,407	172,158
2794	Photoengraving.....	206	226	111	54	6,759	44,173	4,966	9,274	31,795	62,675
28	Electrotyping and stereotyping.	(NA)	11,309	3,751	3,072	699,166	3,947,175	453,411	908,824	2,244,318	12,270,371
281	Chemicals & allied products ⁸ .	(NA)	1,698	862	162	238,104	1,459,683	157,644	318,710	892,440	4,259,770
2812	Basic chemicals.....	18	34	32	...	20,476	115,024	13,905	28,440	75,079	306,187
2813	Alkalies and chlorine.....	111	491	177	24	10,642	56,661	5,813	12,668	30,576	174,249
2814	Industrial gases.....	13	45	23	...	2,084	12,008	1,677	3,482	9,025	29,993
2815	Cyclic (coal tar) crudes.....	85	115	87	...	26,218	155,411	17,930	35,503	97,263	373,106
2816	Intermediate coal tar products.	72	99	57	16	11,368	61,867	7,958	15,980	40,949	235,658
2818	Inorganic pigments.....	238	334	185	31	77,442	508,433	51,966	103,917	312,380	1,671,723
2819	Organic chemicals, nec.....	344	580	301	91	89,874	550,279	58,395	118,720	327,168	1,468,854
282	Inorganic chemicals, nec ¹⁶	(NA)	407	253	37	121,536	683,376	86,180	173,059	429,834	1,899,770
2821	Fibers, plastics, rubbers.....	279	349	196	37	51,003	308,212	35,305	72,035	189,321	871,956
2822	Plastics materials.....	13	18	17	...	9,252	60,909	6,223	12,533	37,648	197,866
2823	Synthetic rubber.....	10	26	26	...	42,597	211,513	31,753	62,466	141,001	390,310
2824	Cellulosic man-made fibers.....	9	14	14	...	18,684	102,742	12,899	26,025	61,864	439,638
283	Organic fibers, noncellulosic..	(NA)	1,359	403	364	95,940	545,691	54,915	110,183	250,695	2,096,288
2831	Drugs.....	110	116	35	28	3,692	16,218	2,567	4,999	9,736	38,947
2833	Biological products.....	120	129	50	24	10,246	62,877	6,640	13,810	35,500	175,817
2834	Medicinals and botanicals.....	1,062	1,114	318	312	82,002	466,596	45,708	91,374	205,459	1,881,524
284	Pharmaceutical preparations....	(NA)	2,654	578	1,047	78,618	417,514	47,908	94,336	208,452	1,903,101
2841	Cleaning and toilet goods.....	558	608	163	235	29,603	181,485	18,180	36,779	97,294	857,585
2842	Soap and other detergents.....	1,132	1,156	188	512	16,429	82,594	9,352	17,840	35,603	295,566
2843	Polishes and sanitation goods...	132	142	46	32	3,122	19,484	1,835	3,707	8,870	52,421
2844	Surface active agents.....	721	748	181	268	29,464	133,951	18,541	36,010	66,685	697,529
285	Toilet preparations.....	(NA)	1,709	600	484	58,770	323,372	33,190	66,906	153,114	806,895
2851	Paints and varnishes.....	1,427	1,591	577	439	57,034	313,737	32,314	65,120	149,512	783,285
2852	Paints and varnishes.....	100	118	23	45	1,736	9,635	876	1,786	3,602	23,610
2861	Putty and calking compounds....	178	190	41	101	7,251	30,097	5,916	11,563	21,792	85,302
2861	Gum and wood chemicals.....	(NA)	178	190	41	101	7,251	5,916	11,563	21,792	85,302

See footnotes at end of table.

1-13

1958—Continued				1954												Code
Value of shipments	Capital expenditures, new	Specialization ratio ⁴ (per cent)	Coverage ratio ⁵ (per cent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted ² (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new ³ (\$1,000)	Specialization ratio ⁴ (per cent)	Coverage ratio ⁵ (per cent)		
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)							
(⁶)	75,940	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	264	
805,185	16,837	84	81	243	277	132	84	25,197	111,241	284,969	639,173	15,240	85	86	2641	
271,631	6,430	92	94	170	196	144	37	15,902	63,044	202,799	205,258	6,942	96	92	2642	
908,521	17,747	87	89	326	381	203	110	33,326	121,116	216,090	639,355	18,901	91	88	2643	
40,840	(¹³)	93	99	71	76	37	17	3,636	14,330	19,401	39,912	526	99	98	2644	
251,364	5,836	92	80	337	352	115	196	12,260	47,940	99,714	216,328	6,424	88	82	2645	
78,780	2,170	99	96	25	29	16	10	2,882	11,630	26,012	42,381	3,215	100	93	2646	
1,245,092	26,504	91	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2647	
(⁶)	117,821	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	265	
887,209	22,333	85	90	81,433	81,704	81,123	559	8132,964	8525,685	8902,361	82,208,891	860,490	896	898	2651	
219,240	5,930	92	87												2652	
1,635,650	46,348	97	95												2653	
680,079	35,112	92	93												2654	
165,627	8,098	98	83	148	184	99	63	12,088	44,958	74,377	146,797	3,408	97	88	2655	
391,786	23,167	95	96	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	2661	
(⁶)	408,610	(NA)	(NA)	(NA)	32,530	6,054	24,329	803,482	3,619,479	156,403,088	(⁶)	236,897	(NA)	(NA)	27	
3,628,021	139,871	96	100	8,444	8,645	1,636	6,962	280,895	1,257,139	152,137,583	3,091,642	75,536	95	100	2711	
1,676,743	35,033	93	97	2,012	2,045	370	773	62,428	312,695	15805,716	1,469,759	14,542	95	97	2721	
(⁶)	23,936	(NA)	(NA)	(NA)	1,412	350	758	57,400	245,196	15552,191	(⁶)	14,801	89	80	273	
1,033,144	13,090	92	90	804	814	197	330	34,704	144,757	15407,204	708,943	7,558	91	90	2731	
357,652	10,846	72	60	592	598	153	428	22,695	100,439	15144,988	224,959	7,243	76	55	2732	
316,928	5,993	89	87	900	946	150	504	18,378	73,174	15150,505	234,558	3,270	85	82	2743	
(⁶)	154,053	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	275	
2,533,227																

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture adjusted ² (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
287	Chemicals and allied products—Continued										
2871	Agricultural chemicals.....	(NA)	1,305	508	300	38,679	160,421	27,336	54,419	99,468	414,781
2872	Fertilizers.....	(NA)	283	205	(NA)	18,728	79,022	14,104	28,986	55,256	197,943
2873	Fertilizers, mixing only.....	(NA)	685	202	(NA)	12,161	43,610	8,313	15,931	25,580	105,845
2879	Agricultural pesticides.....	243	337	101	77	7,790	37,789	4,919	9,502	18,632	110,993
2879	Agricultural chemicals, nec.....										
289	Other chemical products.....	(NA)	1,987	506	577	60,268	327,021	40,322	79,648	188,523	804,464
2891	Glue and gelatin.....	234	274	93	73	7,890	42,146	5,166	10,563	23,878	106,383
2892	Explosives ¹⁶	45	77	58	10	14,971	79,597	10,648	19,992	50,876	131,646
2893	Printing ink ⁸	193	302	94	65	7,960	45,069	5,385	11,182	25,956	108,803
2894	Fatty acids.....	11	12	12	...	1,558	9,793	972	2,141	5,796	20,594
2895	Carbon black.....	8	36	32	...	3,162	18,606	2,629	5,651	14,747	72,641
2899	Chemical preparations, nec.....	1,232	1,286	217	429	24,727	131,810	15,522	30,120	67,270	364,397
29	Petroleum and coal products ⁸	(NA)	1,608	653	334	179,166	1,116,673	130,508	255,360	758,422	2,518,424
2911	Petroleum refining.....	289	446	313	85	146,025	944,332	106,898	207,609	648,278	2,119,402
295	Paving and roofing materials.....	(NA)	772	217	129	23,317	119,472	17,364	35,717	82,137	269,035
2951	Paving mixtures and blocks.....	415	563	89	94	7,797	42,028	5,823	11,708	28,130	112,548
2952	Asphalt felts and coatings.....	119	209	128	35	15,520	77,444	11,541	24,009	54,007	156,487
299	Petroleum & coal products, nec...	(NA)	390	123	120	9,824	52,869	6,246	12,034	28,007	129,987
2992	Lubricating oils and greases...	284	306	90	96	7,568	42,349	4,484	8,588	20,441	103,084
2999	Petroleum & coal products, nec.	74	84	33	24	2,256	10,520	1,762	3,446	7,566	26,903
30	Rubber and plastics products, nec. ⁸	(NA)	4,462	1,827	1,528	347,842	1,723,295	270,500	530,976	1,211,372	3,276,612
3011	Tires and inner tubes ⁸	94	123	86	28	89,395	521,855	69,959	133,268	388,702	1,179,957
3021	Rubber footwear.....	22	27	26	1	20,359	85,611	17,602	34,131	68,573	149,608
3031	Reclaimed rubber.....	12	16	14	2	2,215	11,658	1,793	3,330	9,076	20,843
3069	Fabricated rubber products, nec. ⁸	976	1,074	558	307	119,565	592,964	89,158	176,994	396,129	997,254
3079	Plastics products, nec. ⁸	3,093	3,222	1,143	1,190	116,308	511,207	91,988	183,253	348,892	928,950
31	Leather and leather products ⁸	(NA)	4,534	2,225	2,115	349,050	1,145,683	310,048	565,874	912,024	1,897,465
3111	Leather tanning and finishing....	521	578	280	198	37,130	165,545	32,466	63,376	133,183	275,796
3121	Industrial leather belting.....	99	104	32	36	3,975	18,689	2,769	5,371	11,506	36,300
3131	Footwear cut stock.....	472	513	235	235	18,031	58,489	15,516	28,859	44,570	98,380
314	Footwear, except rubber.....	(NA)	1,279	984	276	226,831	699,478	204,482	366,527	570,470	1,145,916
3141	Footwear, except rubber.....	872	1,115	887	224	215,311	662,421	194,314	348,481	542,179	1,108,260
3142	House slippers.....	160	164	97	52	11,520	37,057	10,168	18,046	28,291	115,656
3151	Leather gloves.....	171	179	76	119	6,212	15,999	5,503	9,214	12,705	1125,999
3161	Luggage.....	428	428	159	297	15,856	54,717	13,725	25,138	40,282	96,560
317	Purses and small leather goods...	(NA)	1,020	385	620	35,610	115,115	30,964	58,611	86,123	187,287
3171	Handbags and purses.....	611	620	262	342	21,953	68,632	19,443	37,231	54,258	111,496
3172	Small leather goods.....	399	400	123	278	13,657	46,483	11,521	21,380	31,865	75,791
3199	Leather goods, nec.....	429	433	74	334	5,405	17,651	4,623	8,778	13,185	31,227
32	Stone, clay & glass products.	(NA)	15,022	4,478	8,701	554,042	2,594,971	445,866	883,823	1,933,949	5,528,952
3211	Flat glass.....	14	32	31	...	21,179	133,551	17,625	35,867	110,675	263,151
322	Pressed and blown glassware.....	(NA)	240	190	33	92,045	431,307	79,108	156,596	350,209	844,811
3221	Glass containers.....	42	100	92	...	54,937	259,893	48,635	97,622	218,358	532,469
3229	Pressed and blown glass, nec...	111	140	98	33	37,108	171,414	30,473	58,974	131,851	312,342
3231	Products of purchased glass.....	1,002	1,031	239	661	24,024	109,570	19,737	38,124	83,125	242,657
3241	Cement, hydraulic.....	62	175	170	1	41,127	214,221	34,780	69,481	170,156	724,771
325	Structural clay products.....	(NA)	1,018	726	284	70,305	292,876	59,749	117,850	228,192	490,448
3251	Brick and structural tile.....	468	569	430	155	31,087	122,868	26,955	55,316	97,196	196,890
3253	Ceramic wall and floor tile.....	79	90	62	27	13,068	53,738	10,189	21,768	41,494	92,779
3255	Clay refractories.....	104	167	117	23	12,394	59,816	10,110	18,581	44,920	104,898
3259	Structural clay products, nec..	152	192	117	79	13,756	56,454	11,795	22,185	44,582	95,881
326	Pottery and related products.....	(NA)	755	245	545	44,219	181,147	37,512	69,433	140,612	283,912
3261	Vitreous plumbing fixtures.....	35	49	43	2	9,677	49,568	8,111	15,638	39,580	87,293
3262	Vitreous china food utensils...	27	29	24	7	7,640	30,211	6,385	11,793	22,068	42,355
3263	Earthenware food utensils.....	33	34	26	9	8,555	27,812	7,790	12,119	23,864	34,170
3264	Porcelain electrical supplies..	57	59	44	14	9,107	42,362	7,489	14,741	31,342	66,074
3269	Pottery products, nec.....	580	584	108	513	9,240	31,194	7,737	15,142	23,758	54,020

See footnotes at end of table.

GENERAL SUMMARY

1-15

by Industry Groups and Industries: 1958 and 1954—Continued

1958—Continued				1954												Code
Value of shipments	Capital expenditures, new ¹	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted ² (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)		
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)							
(⁶)	39,929	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
605,249	24,276	(NA)	(NA)	(NA)	260	215	32	19,728	73,048	179,420	589,835	33,762	96	¹² 60	2871	
438,628	8,676	(NA)	(NA)	(NA)	580	203	172	12,040	38,480	92,631	411,431	12,825	95	¹² 44	2872	
333,105	6,977	90	74	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2873	
(⁶)	53,842	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	289	
245,205	8,077	86	70	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2891	
228,614	9,346	96	95	40	74	55	5	32,478	146,843	221,272	395,275	17,279	98	91	2892	
228,141	4,817	93	96	188	271	87	69	7,609	35,713	88,343	183,552	6,336	90	95	2893	
66,740	3,490	69	65	74	15	12	2	1,891	10,263	23,968	60,784	4,819	68	73	2894	
119,271	4,612	100	100	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2895	
703,325	23,500	88	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2899	
(⁶)	671,926	(NA)	(NA)	(NA)	1,262	592	281	183,339	953,235	2,240,876	(⁶)	673,883	(NA)	(NA)	29	
14,539,055	646,909	98	98	253	409	316	81	153,072	816,120	1,918,020	12,182,245	656,033	99	98	2911	
(⁶)	16,469	(NA)	(NA)	(NA)	523	167	105	20,097	88,146	207,753	(⁶)	13,155	93	95	295	
267,676	9,856	94	85	252	326	47	62	4,367	20,092	52,145	133,178	5,367	97	94	2951	
460,104	6,613	90	92	108	197	120	43	15,730	68,054	155,607	431,607	7,787	91	94	2952	
(⁶)	8,548	(NA)	(NA)	(NA)	330	109	95	10,169	48,967	115,099	(⁶)	4,694	89	22	299	
281,377	7,230	86	¹² 25	265	283	84	88	8,159	40,062	90,661	265,111	4,314	87	¹² 18	2992	
74,855	1,318	95	96	39	47	25	7	2,009	8,905	24,437	63,496	(¹³)	94	89	2999	
(⁶)	196,896	(NA)	(NA)	(NA)	3,845	1,482	1,596	338,493	1,409,564	2,552,789	(⁶)	173,721	(NA)	(NA)	30	
2,577,788	72,269	91	99	27	49	46	4	92,748	441,607	877,771	1,997,399	67,430	88	99	3011	
229,439	3,109	(D)	(D)	19	22	21	1	18,322	64,022	106,768	171,471	4,217	84	85	3021	
39,260	964	94	72	15	20	18	3	2,953	12,697	23,454	63,599	2,834	87	74	3031	
1,885,274	43,603	86	86	1,152	1,315	568	515	132,503	541,011	946,407	1,777,331	53,949	88	78	3069	
1,867,877	76,951	91	85	2,377	2,439	829	1,073	91,967	350,227	598,388	1,227,116	45,290	90	84	3079	
(⁶)	31,736	(NA)	(NA)	(NA)	4,845	2,267	2,565	356,578	1,027,314	1,640,804	(⁶)	28,053	(NA)	(NA)	31	
743,124	7,905	100	100	525	579	298	208	43,468	168,119	260,228	713,324	7,123	98	100	3111	
66,560	1,233	90	92	128	136	34	57	4,576	18,569	35,383	67,102	1,955	97	92	3121	
256,652	2,002	95	95	522	563	261	271	20,059	57,113	87,070	259,732	3,063	97	96	3131	
(⁶)	15,034	(NA)	(NA)	(NA)	1,369	1,030	363	230,255	619,332	988,379	(⁶)	12,084	100	100	314	
¹¹ 2,048,857	14,444	99	99	970	1,196	931	291	219,375	589,267	¹¹ 942,961	¹¹ 809,127	11,420	99	99	3141	
¹¹ 112,145	590	90	85	170	173	99	72	10,879	30,065	¹¹ 45,418	¹¹ 90,760	664	89	87	3142	
¹¹ 54,155	(¹³)	85	86	(NA)	239	90	185	6,917	15,573	¹¹ 22,718	¹¹ 49,989	(¹³)	88	90	3151	
184,722	1,504	95	95	495	497	159	362	15,856	51,679	91,313	172,691	1,868	94	97	3161	
(⁶)	2,953	(NA)	(NA)	(NA)	1,139	376	816	37,547	105,484	163,747	(⁶)	2,275	(NA)	(NA)	317	
231,110	1,575	96	98	710	714	247	490	22,881	61,405	93,865	194,262	972	97	98	3171	
138,052	1,378	91	87	(NA)	425	129	326	14,666	44,079	69,882	124,164	1,303	(NA)	(NA)	3172	
60,178	842	96	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3199	
(⁶)	442,286	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(NA)	(NA)	32	
384,711	12,057	¹² 90	(D)	16	32	30	...	24,559	132,509	247,175	372,689	30,964	¹² 90	(D)	3211	
(⁶)	42,418	(NA)	(NA)	(NA)	372	30	172	91,334	354,568	678,839	(⁶)	37,417	99	99	322	
862,117	31,164	99	99	38	85	83	1	49,410	195,944	384,647	646,104	26,542	98	99	3221	
445,361	11,254	98	97	(NA)	1,146	310	...	41,924	158,623	294,192	416,021	10,875	98	96	3229	
468,809	16,526	98	81	(NA)	859	182	580	21,614	87,529	193,282	386,695	5,590	97	75	3231	
1,073,494	100,677	99	100	67	162	160	...	39,769	167,659	525,667	814,923	73,015	99	100	3241	
(⁶)	32,152	(NA)	(NA)	(NA)	1,053	761	375	72,814	267,165	427,649	(⁶)	31,561	97	99	325	
286,709	14,023	96	98	510	610	459	201	32,426	114,740	184,017	262,590	16,233	96	98	3251	
135,470	3,276	94	99	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3253	
163,478	8,094	93	92	113	177	133	27	14,463	55,604	88,483	139,290	5,702	92	95	3255	
134,928	6,759	97	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3259	
(⁶)	10,621	(NA)	(NA)	(NA)	867	250	713	50,934	173,562	257,983	(⁶)	10,634	98	95	326	
142,683	1,613	97	97	25	37	33	3	9,200	40,541	75,539	128,229	1,061	99	99	3261	
51,885	964	96	96	32	34	29	11	8,704	28,161	36,413	45,063	1,333	95	96	3262	
48,517	517	98	90	46	47	36	15	13,335	38,742	48,655	67,029	528	98	92	3263	
97,475	4,279	92	93	42	45	37	9	9,550	37,679	54,312	83,169	5,357	94	87	3264	
78,755	3,248	92	91	(NA)	704	115	675	10,144	28,438	(NA)	60,456	2,352	95	90	3269	

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted ² (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,00Q)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
	Stone, clay and glass products—Continued										
327	Concrete and plaster products....	(NA)	9,161	2,035	5,868	149,525	690,325	112,187	227,568	474,521	1,548,434
3271	Concrete block and brick.....	1,763	1,796	336	1,351	22,766	98,103	16,404	32,933	61,292	190,355
3272	Concrete products.....	3,184	3,455	616	2,611	46,182	199,883	36,183	73,436	141,319	390,378
3273	Ready-mixed concrete.....	3,120	3,647	944	1,801	61,890	301,607	44,055	88,084	200,977	676,062
3274	Lime.....	95	137	76	47	7,185	32,754	6,098	12,509	25,521	73,597
3275	Gypsum products.....	74	126	63	58	11,502	57,978	9,447	20,606	45,412	218,042
3281	Cut stone and stone products.....	959	1,001	243	784	20,348	83,038	16,995	33,056	63,818	129,038
329	Nonmetallic minerals, nec.....	(NA)	1,609	599	525	91,270	458,936	68,173	135,848	312,641	1,001,730
3291	Abrasive products.....	317	354	130	109	23,955	127,912	15,971	30,891	75,499	277,706
3292	Asbestos products.....	69	109	80	8	21,292	106,411	17,024	35,046	80,440	235,487
3293	Gaskets and insulations.....	271	282	99	98	13,494	65,078	9,925	19,502	41,518	105,211
3295	Minerals: Ground or treated...	290	391	104	80	7,906	40,328	6,255	12,988	29,532	111,414
3296	Mineral wool.....	84	135	69	20	12,294	61,058	9,267	19,229	43,714	137,577
3297	Nonclay refractories.....	50	84	66	10	8,013	41,167	6,325	11,657	30,352	102,362
3299	Nonmetallic minerals, nec.....	252	254	51	200	4,316	16,982	3,406	6,535	11,586	31,973
33	Primary metal industries ⁸	(NA)	6,446	3,411	2,282	1,096,359	6,303,447	886,594	1,676,937	4,713,957	11,671,341
331	Steel rolling and finishing.....	(NA)	712	562	91	578,185	3,570,778	469,579	868,076	2,694,452	6,862,919
3312	Blast furnaces and steel mills...	148	291	260	24	511,392	3,183,483	417,216	765,941	2,415,959	6,062,227
3313	Electrometallurgical products...	20	37	35	1	12,689	71,883	9,304	18,961	48,988	178,880
3315	Steel wire drawing.....	151	170	103	42	19,250	110,184	15,129	29,147	78,432	196,200
3316	Cold finishing of steel shapes...	58	78	63	8	10,943	67,084	8,528	16,039	47,225	141,516
3317	Steel pipe and tubes ⁸	112	136	101	16	23,911	138,144	19,402	37,988	103,848	284,096
332	Iron and steel foundries.....	(NA)	1,648	1,138	558	182,033	886,069	153,242	283,762	682,861	1,322,220
3321	Gray iron foundries.....	1,211	1,310	848	518	112,670	531,152	96,414	178,006	418,935	810,758
3322	Malleable iron foundries.....	74	82	74	2	20,230	100,579	16,694	31,366	77,148	127,592
3323	Steel foundries.....	210	256	216	38	49,133	254,338	40,134	74,390	186,778	383,870
333	Primary nonferrous metal.....	(NA)	112	100	10	47,086	265,903	37,496	75,665	200,571	700,431
3331	Primary copper.....	11	30	29	2	14,561	76,116	12,284	24,476	60,852	158,122
3332	Primary lead.....	5	13	13	...	3,563	18,182	2,864	5,687	13,599	36,325
3333	Primary zinc.....	11	20	20	...	8,923	44,078	7,000	13,788	32,633	71,653
3334	Primary aluminum.....	6	20	20	...	17,381	111,588	13,428	27,738	82,750	383,836
3339	Primary nonferrous metals, nec.	24	29	18	8	2,658	15,939	1,920	3,976	10,737	50,495
3341	Secondary nonferrous metals.....	349	387	152	125	14,441	75,669	10,813	21,194	46,869	147,262
335	Nonferrous rolling and drawing...	(NA)	711	473	83	160,272	885,297	123,225	250,129	632,388	1,726,001
3351	Copper rolling and drawing.....	75	105	89	7	40,329	222,259	31,792	63,291	165,367	445,371
3352	Aluminum rolling and drawing...	145	185	129	19	46,879	272,168	36,443	75,323	199,643	537,086
3356	Rolling and drawing, nec.....	120	143	73	24	16,571	94,713	11,467	22,542	57,446	174,633
3357	Nonferrous wire drawing, etc....	217	278	182	33	56,493	296,157	43,523	88,973	209,932	568,911
336	Nonferrous foundries ⁸	(NA)	1,965	628	1,111	62,159	318,666	51,250	99,838	238,291	470,741
3361	Aluminum castings.....	934	955	283	575	30,045	158,915	24,626	48,683	119,166	225,686
3362	Brass, bronze, copper castings...	647	665	209	361	14,861	70,512	12,294	23,538	52,786	109,744
3369	Nonferrous castings, nec.....	337	345	136	175	17,253	89,239	14,330	27,617	66,339	135,311
339	Primary metal industries, nec....	(NA)	911	358	304	52,183	301,065	40,989	78,273	218,525	441,767
3391	Iron and steel forgings.....	287	301	189	81	36,456	213,714	29,082	54,436	158,330	310,148
3392	Nonferrous forgings ⁸	27	29	20	3	5,932	34,634	4,548	9,024	25,107	40,963
3399	Primary metal industries, nec ⁸ ...	567	581	149	220	9,795	52,717	7,359	14,813	35,088	90,656
34	Fabricated metal products ⁸ ...	(NA)	24,782	8,312	12,691	1,057,986	5,412,405	812,587	1,603,453	3,724,130	9,412,183
3411	Metal cans ⁸	82	222	189	18	54,238	303,885	46,921	94,295	249,514	668,606
342	Cutlery, hand tools, hardware ⁸ ...	(NA)	2,094	814	962	135,718	656,911	104,888	205,755	454,540	1,202,227
3421	Cutlery ⁸	178	183	72	90	11,831	52,745	9,107	17,986	34,875	126,310
3423	Edge tools ⁸	731	763	250	391	30,273	142,551	23,626	45,720	99,674	267,316
3425	Hand saws and saw blades.....	82	89	38	34	5,509	28,311	4,077	7,883	18,482	53,658
3429	Hardware, nec.....	1,022	1,059	454	447	88,105	433,304	68,078	134,166	301,509	754,943
343	Plumbing & nonelectric heating...	(NA)	989	428	320	71,775	357,466	54,631	105,350	243,508	671,914
3431	Plumbing fixtures.....	56	63	41	13	12,432	67,848	10,058	19,179	50,754	118,555
3432	Plumbing fittings, brass goods...	250	254	84	96	14,663	66,937	12,140	22,993	50,425	120,560
3433	Nonelectric heating equipment...	642	672	303	211	44,680	222,681	32,433	63,178	142,329	432,799
344	Structural metal products ⁸	(NA)	9,409	2,993	5,118	340,622	1,806,926	250,543	495,317	1,181,905	2,962,860
3441	Fabricated structural steel....	1,793	1,861	780	808	91,252	502,697	68,009	135,764	332,691	821,626
3442	Metal doors, sash, and trim....	1,468	1,546	560	540	57,897	273,219	42,433	83,849	171,756	469,050
3443	Boiler shop products.....	1,180	1,252	557	553	90,551	497,146	64,658	127,164	323,238	754,972
3444	Sheet metal work.....	3,075	3,159	699	2,023	58,800	309,060	44,587	86,550	211,613	516,136
3449	Miscellaneous metal work, nec...	1,532	1,591	397	1,194	42,122	224,804	30,856	61,990	142,607	401,076
345	Screw machine products & bolts...	(NA)	2,317	702	1,268	85,106	440,964	66,094	132,494	305,875	754,706
3451	Screw machine products.....	1,785	1,792	419	1,143	31,836	154,925	25,892	51,915	113,989	249,975
3452	Bolts, nuts, washers, & rivets...	468	525	283	125	53,270	286,039	40,202	80,579	191,886	504,731
3461	Metal stampings.....	2,372	2,456	1,041	929	125,567	645,683	99,974	200,401	458,566	1,049,311

See footnotes at end of table.

GENERAL SUMMARY

1-17

by Industry Groups and Industries: 1958 and 1954-Continued

1958-Continued					1954										
Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio (percent)	Coverage ratio (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio (percent)	Coverage ratio (percent)	Code
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)						
(⁶)	153,750	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	327
413,670	22,790	90	83	4,879	5,090	774	4,503	60,410	216,954	418,569	813,230	40,548	99	99	3271
718,543	44,232	94	94												3272
1,681,926	70,990	92	97												3273
130,948	6,362	83	95												3274
364,947	9,376	95	98												3275
206,264	8,405	95	97	961	977	239	741	21,576	78,240	121,465	191,494	4,296	93	99	3281
(⁶)	65,680	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	329
490,752	21,098	83	96	290	312	132	120	22,345	101,218	198,983	349,184	9,857	94	87	3291
453,488	12,837	89	92	74	110	84	13	21,977	92,413	186,927	361,131	14,935	87	93	3292
188,684	5,699	87	69	(NA)	237	87	99	12,807	55,115	87,253	166,073	4,954	86	70	3293
208,327	8,848	96	85	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3295
251,681	10,488	95	95	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3296
177,643	5,516	95	89	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3297
58,947	1,194	85	85	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3299
(⁶)	1,427,619	(NA)	(NA)	(NA)	6,170	3,388	2,455	1,169,331	5,329,532	9,899,138	(⁶)	918,967	(NA)	(NA)	33
(⁶)	1,006,557	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	331
(⁶)	950,056	(12)	(12)	(NA)	408	(NA)	11	553,850	2,581,270	5,055,409	(⁶)	580,530	(NA)	(NA)	3312
399,122	16,969	91	76	17	31	29	1	11,361	51,332	118,785	272,751	22,313	1292	95	3313
452,062	11,980	88	26	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3315
477,824	12,419	95	18	(NA)	75	(NA)	(NA)	10,685	51,600	(NA)	7,498	(NA)	(NA)	(NA)	3316
780,684	15,133	92	40	78	88	69	14	22,085	108,374	207,643	535,772	9,134	91	30	3317
(⁶)	56,269	(NA)	(NA)	(NA)	1,734	1,220	646	212,365	895,728	1,327,404	(⁶)	76,332	94	90	332
1,434,701	32,559	95	87	1,321	1,414	940	610	133,914	557,535	847,436	1,441,880	49,939	94	87	3321
214,537	4,438	86	90	71	81	77	1	23,378	96,888	133,262	213,321	9,966	86	89	3322
596,276	19,272	86	86	207	239	203	35	55,073	241,305	346,706	539,784	16,426	88	87	3323
(⁶)	118,818	(NA)	(NA)	(NA)	103	98	12	53,544	240,195	567,780	(⁶)	56,088	91	94	333
(⁶)	15,157	(12)	(12)	10	28	28	...	14,680	63,340	159,237	(⁶)	4,265	(12)	(12)	3331
(⁶)	725	(12)	(12)	5	13	13	...	4,063	17,393	30,772	(⁶)	1,404	(12)	(12)	3332
208,993	13,445	90	76	13	21	21	...	10,470	44,042	87,501	231,340	5,276	87	(NA)	3333
808,822	85,497	100	76	3	16	16	...	20,626	96,813	258,944	604,195	26,073	100	78	3334
96,565	3,994	92	24	24	25	10	12	3,704	18,605	50,953	187,869	19,069	90	28	3339
724,013	5,355	93	30	(NA)	354	140	147	15,155	68,822	144,800	742,188	9,254	(NA)	(NA)	3341
(⁶)	196,022	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	335
1,209,926	30,617	88	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3351
1,562,381	114,195	91	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3352
486,308	14,984	77	82	(NA)	105	67	12	11,954	57,481	126,018	403,359	13,564	(NA)	(NA)	3356
1,532,508	36,226	94	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3357
(⁶)	22,336	(NA)	(NA)	1,863	1,920	611	1,225	73,487	327,906	472,431	(⁶)	24,779	90	92	336
422,041	12,220	79	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3361
220,955	5,103	85	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3362
234,649	5,013	78	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3369
(⁶)	22,262	(NA)	(NA)	(NA)	758	(NA)	(NA)	54,146	266,668	(NA)	(⁶)	(NA)	(NA)	(NA)	339
670,916	13,513	86	72	247	259	182	78	39,771	201,938	294,112	603,228	15,862	88	73	3391
115,048	3,134	86	64	(NA)	31	(NA)	(NA)	5,418	25,324	(NA)	(NA)	(NA)	(NA)	(NA)	3392
141,172	5,615	98	87	(NA)	468	(NA)	(NA)	8,957	39,406	(NA)	(NA)	(NA)	(NA)	(NA)	3399
(⁶)	458,397	(NA)	(NA)	(NA)	22,042	7,382	13,465	1,060,431	4,605,409	8,021,147	(⁶)	447,567	(NA)	(NA)	34
1,824,106	52,881	98	99	109	227	175	37	55,234	245,134	500,408	1,381,359	50,093	98	99	3411
(⁶)	37,827	(NA)	(NA)	(NA)	1,930	743	1,019	143,676	599,952	1,040,680	(⁶)	60,796	87	90	342
179,271	2,370	93	98	179	182	79	91	15,102	56,062	120,951	173,565	2,393	88	96	3421
440,150	8,588	91	85	(NA)	780	261	430	33,397	134,138	229,241	375,672	9,383	(NA)	(NA)	3423
87,626	1,225	82	90	95	99	42	45	6,879	29,287	51,097	88,426	1,582	71	90	3425
1,347,879	25,644	89	93	852	869	361	453	88,296	380,464	638,962	1,126,335	47,434	86	90	3429
(⁶)	25,907	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	343
214,872	8,928	84	92	8307	8321	8129	141	830,612	8132,070	8239,465	8468,277	812,286	887	889	3431
250,326	3,564	91	83												3432
912,878	13,415	81	80												3433
(⁶)	138,129	(NA)	(NA)	(NA)	7,421	2,386	4,671	284,121	1,280,903	2,235,101	(⁶)	102,197	92	91	344
1,901,106	36,789	87	91	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	3441
1,037,371	18,055	91	93	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3442
1,670,007	45,043	89	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3443
1,077,811	22,339	88	82	2,363	2,421	550	1,765	50,190	227,272	393,606	812,238	18,770	81	80	3444
917,151	15,903	87	74	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(NA)	(NA)	3449
(⁶)	54,929	(NA)	(NA)	(NA)	2,252	667	1,605	88,738	397,679	665,077	(⁶)	37,976	(NA)	(NA)	345
425,113	11,222	94	87	1,791	1,795	411	1,421	35,009	151,444	243,565	406,457	11,886	93	82	3451
880,328	43,707	91	87	421	457	256	184	53,729	246,235	421,512	738,482	26,090	91	89	3452
2,101,736	50,439	86	87	(NA)	2,320	930	1,155	135,472	594,833	958,067	1,841,508	39,290	(NA)	(NA)	3461

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted ² (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
	Fabricated metal products— Continued										
347	Metal services, nec.....	(NA)	3,649	734	2,456	52,151	224,320	43,435	84,288	167,688	362,163
3471	Plating and polishing.....	2,614	2,646	542	1,854	36,471	156,274	30,543	59,082	117,703	253,784
3479	Metal coating, engraving, etc..	986	1,003	192	602	15,680	68,046	12,892	25,206	49,985	108,379
3481	Fabricated wire products, nec....	1,371	1,463	538	779	55,476	261,027	44,125	86,278	184,432	439,940
349	Fabricated metal products, nec...	(NA)	2,183	873	841	137,333	715,223	101,976	199,275	478,102	1,300,456
3491	Metal barrels, drums and pails.	78	125	74	22	9,640	53,005	7,657	15,058	38,065	94,548
3492	Safes and vaults.....	31	33	12	18	3,495	15,843	2,323	4,417	10,722	39,537
3493	Steel springs.....	84	90	43	41	6,758	35,607	5,242	9,978	25,499	54,135
3494	Valves and pipe fittings.....	549	588	345	145	74,994	400,331	54,371	106,186	262,395	716,056
3496	Collapsible tubes.....	18	22	20	7	3,837	16,118	3,367	6,852	12,453	25,257
3497	Metal foil and leaf.....	59	65	30	23	3,195	17,105	2,277	4,701	10,874	35,170
3498	Fabricated pipe and fittings...	273	286	136	93	15,214	84,015	11,139	22,238	55,347	155,621
3499	Fabricated metal products, nec.	962	974	213	492	20,200	93,199	15,600	29,845	62,747	180,132
35	Machinery, except electrical.	(NA)	29,839	7,360	18,041	1,348,245	7,303,661	949,132	1,852,822	4,646,579	12,391,190
351	Engines and turbines.....	(NA)	140	100	20	95,572	551,775	65,090	127,779	356,252	1,067,971
3511	Steam engines and turbines.....	21	28	25	1	45,347	274,589	29,319	57,791	172,091	568,643
3519	Internal combustion engines....	97	112	75	19	50,225	277,186	35,771	69,988	184,161	499,328
3522	Farm machinery and equipment.....	1,389	1,469	509	822	108,586	550,998	79,922	153,962	373,240	1,087,836
353	Construction & like equipment....	(NA)	2,048	929	728	199,711	1,073,263	133,561	256,872	638,147	2,054,841
3531	Construction machinery.....	532	579	295	165	95,304	496,751	66,510	124,622	310,252	1,022,801
3532	Mining machinery and equipment.	167	173	90	69	17,808	96,966	11,661	22,578	56,423	165,831
3533	Oil field machines & equipment.	351	389	168	136	31,878	174,692	20,724	41,215	101,916	336,788
3534	Elevators and moving stairways.	135	144	76	47	9,626	55,657	5,868	11,764	31,156	126,270
3535	Conveyors.....	401	420	150	160	20,789	119,431	12,698	25,584	62,578	192,892
3536	Holsts, cranes, and monorails..	78	81	54	20	9,520	53,566	6,555	12,988	32,840	92,759
3537	Industrial trucks and tractors.	254	262	96	131	14,786	76,200	9,545	18,121	42,982	117,500
354	Metalworking machinery.....	(NA)	7,930	1,812	4,867	233,523	1,379,556	174,330	343,612	943,711	2,058,049
3541	Metal-cutting machine tools....	611	627	231	315	52,864	300,344	36,154	69,616	182,171	420,961
3542	Metal-forming machine tools....	279	291	147	97	22,502	132,368	15,572	30,905	82,192	176,021
3544	Special dies and tools.....	5,715	5,745	994	3,877	83,308	536,588	68,916	139,877	415,241	780,090
3545	Machine tool accessories.....	865	905	297	445	41,521	226,949	29,304	56,299	143,663	348,580
3548	Metalworking machinery, nec....	349	362	143	133	33,328	183,307	24,384	46,915	120,444	332,397
355	Special industry machinery.....	(NA)	3,174	1,152	1,318	162,262	853,598	112,518	223,495	525,292	1,339,530
3551	Food products machinery.....	657	672	240	299	27,715	152,515	18,195	36,304	86,824	268,639
3552	Textile machinery.....	513	553	212	252	34,313	154,548	25,611	51,206	101,897	214,199
3553	Woodworking machinery.....	251	257	96	112	21,219	63,414	8,036	15,945	36,904	112,936
3554	Paper industries machinery.....	192	202	97	61	15,713	89,881	11,356	22,727	58,198	123,758
3555	Printing trades machinery.....	421	442	119	174	21,453	119,575	15,278	30,001	78,005	188,881
3559	Special industry machinery, nec ³	1,025	1,048	388	420	50,849	273,665	34,042	67,312	163,464	431,117
356	General industrial machinery.....	(NA)	3,325	1,058	1,744	211,382	1,143,282	143,431	278,596	691,248	1,935,184
3561	Pumps and compressors.....	530	582	243	194	60,042	321,509	37,407	74,975	180,146	542,037
3562	Ball and roller bearings.....	86	107	81	20	46,439	241,160	35,757	67,323	169,117	407,744
3564	Blowers and fans.....	199	207	104	59	15,947	82,457	10,980	21,356	50,322	145,050
3565	Industrial patterns.....	1,170	1,174	96	1,066	8,870	54,746	7,683	13,950	45,370	78,108
3566	Power transmission equipment...	449	470	236	161	41,782	226,101	29,762	57,537	143,812	384,372
3567	Industrial furnaces and ovens..	197	201	89	44	10,288	57,394	5,774	11,671	26,859	96,450
3569	General industry machinery, nec	568	584	209	200	28,014	159,915	16,068	31,784	75,622	281,423
357	Office machines, nec.....	(NA)	346	188	86	121,615	667,480	80,948	156,358	398,707	970,529
3571	Computing and related machines ³	119	136	71	37	80,864	473,455	50,523	98,497	269,013	579,103
3572	Typewriters.....	16	18	13	...	19,779	84,467	16,310	29,748	64,612	168,877
3576	Scales and balances ³	71	72	32	25	5,347	26,574	3,515	6,886	14,974	49,125
3579	Office machines, nec.....	113	120	72	24	15,625	82,984	10,600	21,227	50,108	173,424
358	Service industry machines.....	(NA)	1,256	523	394	100,059	508,836	67,804	132,604	299,606	918,151
3581	Automatic vending machines....	119	121	53	37	7,894	37,049	5,557	10,846	21,945	64,694
3582	Commercial laundry equipment...	113	119	47	38	6,560	33,047	4,544	9,218	20,183	65,580
3584	Vacuum cleaners, industrial....	18	18	6	6	432	2,321	289	550	1,110	4,256
3585	Refrigeration machinery.....	600	625	278	187	67,715	342,169	46,210	90,352	204,934	598,032
3586	Measuring and dispensing pumps.	31	32	20	7	6,201	32,852	3,747	7,102	16,680	64,689
3589	Service industry machines, nec.	336	341	119	119	11,257	61,398	7,457	14,536	34,754	120,900
3599	Machine shops ³	10,098	10,151	1,089	8,062	115,535	574,873	91,528	179,544	420,376	959,099
36	Electrical machinery.....	(NA)	8,091	3,799	2,301	1,122,284	5,605,985	808,621	1,589,497	3,509,746	10,395,369
361	Electric distribution products...	(NA)	1,069	485	231	134,395	724,346	90,543	181,527	426,210	1,338,652
3611	Electric measuring instruments ³	476	492	200	119	46,923	254,833	31,702	63,646	147,165	419,396
3612	Transformers ³	157	175	82	44	34,601	186,361	22,578	45,112	108,592	364,212
3613	Switchgear and switchboards....	339	402	203	68	52,871	283,152	36,263	72,769	170,453	555,044

See footnotes at end of table.

GENERAL SUMMARY

1-19

by Industry Groups and Industries: 1958 and 1954—Continued

1958—Continued					1954										
Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted ² (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Code
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)						
(⁶)	20,553	(NA)	(NA)	(NA)	3,233	628	2,605	48,371	182,558	284,732	(⁶)	16,271	(NA)	(NA)	347
359,116	15,877	(12)	(12)	2,423	2,451	465	2,026	36,066	136,933	214,330	307,398	12,862	(12)	(12)	3471
196,389	4,676	(12)	(12)	(NA)	782	163	579	12,305	45,625	70,402	105,233	3,409	(12)	(12)	3479
874,923	18,105	91	64	1,205	1,275	498	798	59,929	243,904	413,310	768,709	17,503	89	63	3481
(⁶)	59,627	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	349
250,256	4,583	92	86	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3491
58,790	683	78	97	25	26	10	16	3,442	15,030	29,583	41,758	714	87	97	3492
120,525	1,721	81	69	89	101	43	58	7,078	33,304	50,768	122,928	36,127	84	74	3493
1,241,535	32,748	89	88	523	556	314	175	75,016	333,213	579,006	989,463	24,869	85	86	3494
44,700	1,572	91	100	19	21	18	7	4,302	14,934	22,429	38,067	1,369	93	100	3496
88,871	2,855	83	50	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3497
329,979	4,103	89	93	237	250	130	108	12,670	62,092	122,408	249,923	4,804	92	88	3498
340,096	11,362	88	62	1,017	1,026	183	721	18,069	68,191	130,687	254,081	8,088	85	53	3499
(⁶)	676,419	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	35
(⁶)	61,191	(NA)	(NA)	(NA)	141	88	29	81,955	399,986	650,901	(⁶)	40,052	88	84	351
961,769	20,492	78	94	(NA)	141	88	29	81,955	399,986	650,901	(⁶)	40,052	(NA)	(NA)	3511
1,055,699	40,699	90	82												3519
2,421,873	49,779	90	94	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3522
(⁶)	87,576	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	353
2,107,352	44,810	88	90	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3531
342,035	6,507	72	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3532
585,268	18,341	92	94	319	315	158	155	33,687	161,802	327,509	542,500	18,188	89	93	3533
192,806	2,321	97	80	127	131	66	48	10,257	49,518	99,763	167,494	1,429	87	89	3534
385,714	7,197	81	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3535
184,722	5,056	79	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3536
269,328	3,344	93	84	234	245	96	121	15,797	71,824	124,455	260,063	7,088	88	83	3537
(⁶)	105,716	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	354
679,836	18,840	85	89	627	639	266	347	80,959	432,290	743,569	1,171,543	37,683	84	93	3541
317,657	11,723	82	80	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3542
1,060,566	43,242	93	68	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3544
511,456	15,277	85	85	1,007	1,022	317	714	44,877	212,665	341,399	486,764	16,598	87	74	3545
602,015	16,634	91	85	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3548
(⁶)	53,807	(NA)	(NA)	(NA)	2,900	1,104	1,350	165,746	754,538	1,223,538	(⁶)	45,722	87	85	355
456,171	7,583	87	84	650	672	261	302	33,205	152,518	261,779	432,200	7,571	84	86	3551
376,340	8,508	87	94	517	535	210	252	36,595	145,253	216,606	347,145	8,528	89	93	3552
214,376	6,924	78	86	247	249	96	128	11,973	53,821	102,525	178,799	4,329	84	81	3553
310,179	4,847	93	91	163	169	98	53	15,003	73,713	109,803	206,951	4,916	85	86	3554
309,797	8,496	95	92	342	358	109	164	21,960	110,679	178,966	276,320	6,634	95	90	3555
761,077	17,449	83	77	898	917	330	451	47,007	218,553	353,857	625,053	13,742	81	73	3559
(⁶)	109,683	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	356
1,114,053	24,678	87	85	463	496	237	183	60,324	272,632	495,471	974,810	18,015	82	78	3561
649,640	34,303	98	98	83	102	81	17	49,720	214,088	329,393	543,622	27,828	98	98	3562
271,629	5,569	83	79	208	214	106	87	18,125	80,850	153,366	279,693	5,873	83	76	3564
98,343	3,214	95	74	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3565
630,303	21,719	83	79	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3566
204,835	2,853	85	83	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3567
458,280	17,347	87	74	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3569
(⁶)	84,496	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	357
1,104,194	61,494	94	91	73	84	51	32	56,692	275,809	405,414	614,265	31,571	78	93	3571
238,173	9,779	82	99	15	18	14	2	18,435	67,399	136,953	178,799	2,789	80	97	3572
78,335	1,406	91	97	77	78	35	30	5,381	21,276	45,535	64,182	1,103	90	96	3576
264,513	11,817	84	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3579
(⁶)	31,358	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	358
141,635	2,798	92	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3581
119,499	1,934	93	95	101	104	46	44	6,543	28,630	56,644	103,747	1,062	83	93	3582
10,342	(13)	70	54	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3584
(⁶)	21,171	(12)	(12)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3585
119,045	2,238	75	89	31	31	19	9	7,438	34,201	59,722	118,856	1,750	69	91	3586
234,885	3,198	86	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3589
1,479,680	92,813	92	90	6,795	6,832	977	5,641	103,727	442,177	737,315	1,150,308	39,588	88	86	3599
(⁶)	449,925	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	36
(⁶)	48,276	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	361
673,522	19,103	74	81	299	303	143	98	33,049	145,131	245,588	368,186	16,133	75	76	3611
642,267	11,353	94	93	152	164	89	52	40,956	186,491	394,276	688,447	22,852	87	94	3612
962,558	17,820	80	90	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	3613

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted ² (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number ¹	Payroll (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
362	Electrical machinery—Con.	(NA)	1,061	528	256	156,332	819,108	107,006	210,839	496,164	1,447,753
3621	Electric industrial apparatus....	317	378	237	71	93,541	488,854	64,795	127,799	303,785	813,124
3622	Industrial controls.....	205	216	75	51	27,150	145,270	17,311	33,660	81,769	281,890
3623	Welding apparatus.....	123	135	70	40	9,895	60,761	6,392	12,746	33,048	112,709
3624	Carbon and graphite products...	34	46	35	4	8,904	45,628	6,620	13,015	30,551	102,483
3629	Electric industrial goods, nec.	273	286	111	90	16,842	78,595	11,888	23,619	47,011	137,547
363	Household appliances.....	(NA)	651	321	164	142,951	731,626	108,632	213,089	499,931	1,548,808
3631	Household cooking equipment....	64	69	55	5	18,152	89,239	14,101	28,160	60,331	181,091
3632	Household refrigerators.....	25	26	26	...	41,493	221,439	33,177	65,592	167,352	433,369
3633	Household laundry equipment....	33	39	33	1	24,597	134,263	18,021	35,751	89,586	324,480
3634	Electric housewares and fans...	289	311	105	104	29,150	128,850	22,477	42,804	84,557	301,033
3635	Household vacuum cleaners ⁸	27	27	14	3	5,330	29,863	3,750	7,454	17,956	84,180
3636	Sewing machines.....	83	85	17	40	9,607	48,314	7,004	13,343	32,782	61,991
3639	Household appliances, nec.....	86	94	71	11	14,622	79,658	10,102	19,985	47,367	162,664
364	Lighting and wiring devices.....	(NA)	1,819	736	742	123,334	564,196	95,215	185,848	382,901	1,176,672
3641	Electric lamps.....	35	66	52	7	21,495	95,298	18,236	35,119	73,625	270,498
3642	Lighting fixtures ⁸	1,154	1,181	431	566	47,309	215,829	36,443	71,605	143,786	397,378
3643	Current carrying devices.....	404	422	160	136	34,808	151,687	25,962	50,383	97,718	294,189
3644	Noncurrent carrying devices....	138	150	93	33	19,722	101,382	14,574	28,741	67,772	214,607
365	Radio, TV, receiving equipment...	(NA)	328	197	67	73,926	326,045	57,905	112,645	220,304	687,026
3651	Radio and TV receiving sets...	216	234	144	43	66,505	292,664	52,047	100,487	196,565	593,953
3652	Phonograph records.....	85	94	53	24	7,421	33,381	5,858	12,158	23,739	93,073
366	Communication equipment.....	(NA)	607	315	129	215,059	1,203,898	133,684	264,951	652,317	2,038,438
3661	Telephone; telegraph apparatus ⁸	1,767	1,795	55	22	85,544	460,499	55,547	107,833	275,071	740,855
3662	Radio, TV communication equip..	472	512	260	107	129,515	743,399	78,137	157,118	377,246	1,297,583
367	Electronic components.....	(NA)	1,687	852	371	197,910	853,803	155,242	302,313	570,737	1,433,885
3671	Electron tubes, receiving type.	71	85	41	14	36,968	149,540	30,931	57,271	110,707	285,799
3672	Cathode ray picture tubes.....	72	75	30	4	8,554	38,092	6,955	14,183	27,570	67,472
3673	Electron tubes, transmitting....	40	48	44	1	20,146	102,150	14,475	29,472	65,134	165,803
3679	Electronic components, nec.....	1,348	1,479	737	352	132,242	564,021	102,881	201,387	367,326	914,811
369	Electrical products, nec ⁸	(NA)	869	365	341	78,377	382,963	60,394	118,285	261,182	724,135
3691	Storage batteries.....	207	276	106	135	14,924	76,961	11,787	23,205	55,459	150,061
3692	Primary batteries, dry and wet.	24	42	29	5	8,096	34,025	6,498	13,236	24,455	75,431
3693	X-ray and therapeutic apparatus ⁸	124	126	33	43	5,258	30,686	3,012	5,856	14,308	58,436
3694	Engine electrical equipment.....	147	166	98	43	39,840	201,949	30,915	60,212	140,618	366,626
3699	Electrical products, nec.....	247	259	99	115	10,259	39,342	8,182	15,776	26,342	73,581
37	Transportation equipment ⁸	(NA)	6,607	2,662	3,322	1,557,759	9,164,581	1,134,640	2,266,224	6,019,960	15,283,694
371	Motor vehicles and equipment ⁸	(NA)	2,283	1,024	1,006	577,188	3,318,106	458,220	905,241	2,478,291	6,750,675
3713	Truck and bus bodies.....	550	562	187	345	20,009	91,374	15,938	30,741	65,405	145,608
3715	Truck trailers.....	154	170	93	63	15,669	78,142	12,090	24,564	55,390	131,140
3717	Motor vehicles and parts ⁸	1,257	1,551	744	598	541,510	3,148,590	430,192	849,936	2,357,496	6,473,927
372	Aircraft and parts ⁸	(NA)	1,569	775	620	765,482	4,720,050	499,499	1,019,087	2,675,821	6,924,338
3721	Aircraft ⁸	113	127	82	33	377,383	2,340,306	251,249	508,195	1,334,705	1,339,163
3722	Aircraft engines and parts.....	186	223	175	37	159,094	999,237	94,531	194,858	509,724	1,615,671
3723	Aircraft propellers and parts..	17	18	10	10	15,505	85,635	9,617	19,363	49,478	112,301
3729	Aircraft equipment, nec.....	1,148	1,201	508	540	213,500	1,294,872	144,102	296,671	781,914	1,797,203
373	Ships and boats.....	(NA)	1,970	499	1,344	144,442	773,429	122,309	238,053	619,170	1,070,996
3731	Ship building and repairing....	286	319	222	57	119,147	669,826	101,153	197,707	537,814	1,913,687
3732	Boat building and repairing....	1,626	1,651	277	1,287	25,295	103,603	21,156	40,346	81,356	157,309
374	Railroad equipment.....	(NA)	92	57	19	39,591	222,399	28,634	53,657	149,421	319,662
3741	Locomotives and parts.....	24	25	13	9	15,282	90,097	10,742	21,092	58,332	152,086
3742	Railroad and street cars.....	56	67	44	10	24,309	132,302	17,892	32,565	91,089	167,576
3751	Motorcycles, bicycles, & parts...	49	51	29	12	7,578	33,020	6,179	12,213	24,115	52,125
379	Transportation equipment, nec....	(NA)	642	278	321	23,478	97,577	19,799	37,973	73,142	165,898
3791	Trailer coaches.....	363	386	209	155	18,717	77,129	16,004	30,613	58,969	127,683
3799	Transportation equipment, nec..	253	256	69	166	4,761	20,448	3,795	7,360	14,173	38,215
38	Instruments & related products ⁸	(NA)	3,526	1,193	1,449	296,558	1,578,481	202,373	398,744	921,498	2,906,390
3811	Scientific instruments.....	542	567	206	222	67,456	399,165	43,146	87,192	222,481	606,530
382	Mechanical measuring devices ⁸	(NA)	710	273	234	75,562	387,462	50,172	98,581	225,956	716,095
3821	Mechanical measuring devices....	586	627	229	219	50,049	258,488	32,123	62,982	144,873	457,126
3822	Automatic temperature controls.	71	83	44	15	25,513	128,974	18,049	35,599	81,083	258,969
3831	Optical instruments and lenses...	222	224	58	111	7,184	37,586	5,141	10,485	23,459	60,387
384	Medical instruments & supplies...	(NA)	1,070	304	530	41,714	194,520	29,565	57,810	114,238	414,367
3841	Surgical & medical instruments...	223	231	88	97	10,293	44,878	8,061	16,162	31,039	85,153
3842	Surgical appliances & supplies...	553	590	161	305	24,179	114,867	16,277	31,460	62,122	257,640
3843	Dental equipment and supplies..	240	249	55	128	7,242	34,775	5,227	10,188	21,077	71,574
3851	Ophthalmic goods.....	226	246	104	95	18,223	71,465	15,272	29,988	53,525	136,696
3861	Photographic equipment.....	450	480	159	163	60,262	368,970	38,542	74,256	201,597	788,759

See footnotes at end of table.

GENERAL SUMMARY

1-21

by Industry Groups and Industries: 1958 and 1954—Continued

1958—Continued					1954										
Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio (percent)	Coverage ratio (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manu- facture, adjusted ² (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio ⁴ (percent)	Coverage ratio ⁵ (percent)	Code
					Total	With 20 or more employees		Number ¹	Payroll (\$1,000)						
(⁶)	59,787	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	362
1,392,573	28,311	83	85	266	309	217	75	112,003	494,556	817,601	1,453,713	38,310	82	84	3621
413,163	7,611	79	70	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	3622
247,739	4,330	93	92	111	119	62	59	8,186	45,719	77,494	179,945	4,713	90	92	3623
154,925	11,068	97	95	43	53	31	13	8,297	35,976	64,579	111,718	6,492	98	94	3624
228,929	8,467	71	73	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3629
(⁶)	43,038	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	363
364,852	4,002	88	72	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3631
1,002,302	9,870	74	98	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3632
738,920	7,219	91	91	48	56	39	8	22,105	98,556	190,686	541,346	18,569	93	81	3633
559,090	9,985	86	82	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3634
142,020	2,217	93	83	37	39	21	15	8,383	38,867	89,877	160,512	2,094	80	88	3635
109,314	5,380	97	94	78	82	28	46	12,414	56,552	70,339	114,185	3,045	91	94	3636
378,758	4,365	79	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3639
(⁶)	42,296	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	364
417,516	8,276	94	98	35	66	53	7	21,963	78,921	216,230	330,864	8,288	94	99	3641
826,595	14,415	91	94	1,211	1,228	381	719	45,078	181,951	324,651	660,073	14,217	90	90	3642
486,186	9,629	86	79	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3643
413,758	9,976	78	89	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3644
(⁶)	15,319	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	365
1,548,006	11,308	91	90	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3651
148,731	4,011	97	98	135	143	34	52	6,152	23,312	58,689	92,546	2,992	94	97	3652
(⁶)	147,452	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	366
(⁶)	103,517	(¹²)	(¹²)	56	74	55	6	64,663	300,589	500,196	(⁶)	22,144	(NA)	(NA)	3661
2,414,620	43,935	83	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3662
(⁶)	72,247	(NA)	(NA)	(NA)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁶)	(⁹)	(NA)	(NA)	367
382,526	11,514	89	96	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3671
159,252	1,406	96	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3672
258,474	9,021	83	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3673
1,445,684	50,306	88	82	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3679
(⁶)	21,510	(NA)	(NA)	(NA)	893	349	392	88,353	364,913	644,368	(⁶)	35,016	(NA)	(NA)	369
368,993	7,330	99	100	244	308	101	176	15,670	66,872	128,882	343,668	10,512	100	100	3691
138,215	2,343	99	98	20	41	33	...	10,773	36,633	58,490	123,803	2,088	98	98	3692
95,090	1,371	84	82	129	130	35	40	7,054	32,583	57,665	97,043	1,913	81	91	3693
631,868	9,102	87	84	154	169	105	60	46,349	200,279	336,623	612,344	18,172	85	87	3694
165,388	1,364	91	54	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3699
(⁶)	608,273	(NA)	(NA)	(NA)	5,349	2,318	2,976	1,705,501	8,300,103	13,428,014	(⁶)	924,898	(NA)	(NA)	37
(⁶)	322,911	(NA)	(NA)	(NA)	1,921	899	945	685,273	3,368,111	6,137,653	(⁶)	731,089	96	98	371
307,769	3,627	87	87	555	565	172	396	19,618	80,380	120,499	256,883	3,697	86	87	3713
334,724	4,638	84	93	115	130	78	45	16,381	72,904	115,718	316,832	2,788	82	93	3715
(⁶)	314,646	(¹²)	(¹²)	991	1,226	649	504	649,274	3,214,827	5,901,436	(⁶)	722,199	(¹²)	(¹²)	3717
(⁶)	205,499	(NA)	(NA)	(NA)	1,404	745	738	822,470	4,048,811	6,084,462	(⁶)	142,206	96	95	372
¹⁸ 6,438,067	93,752	81	93	46	72	69	...	457,618	2,277,320	¹⁸ 3,368,747	¹⁸ 6,562,576	59,446	89	99	3721
3,512,073	55,883	94	93	202	234	183	62	167,383	819,181	1,302,239	3,268,863	64,689	93	91	3722
235,270	5,107	75	95	16	16	13	7	16,523	78,058	99,455	215,213	4,320	84	87	3723
3,031,089	50,757	84	63	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3729
(⁶)	54,035	(NA)	(NA)	(NA)	1,509	434	1,055	126,352	562,070	757,175	(⁶)	24,120	94	98	373
¹⁸ 1,625,624	38,737	93	99	328	355	245	109	109,451	504,470	¹⁸ 692,796	¹⁸ 1,084,242	19,316	92	99	3731
329,009	15,298	93	95	1,146	1,154	189	946	16,900	57,599	86,305	163,626	4,804	93	85	3732
(⁶)	13,910	(NA)	(NA)	(NA)	86	63	6	51,575	243,536	328,051	(⁶)	25,445	83	90	374
407,540	5,275	85	90	25	29	23	3	20,891	104,274	164,006	444,418	6,370	82	95	3741
562,190	8,635	87	90	47	57	40	3	30,683	139,261	164,044	499,294	19,074	83	86	3742
121,527	2,549	84	93	44	46	29	14	7,061	28,060	40,177	100,477	1,476	86	92	3751
(⁶)	9,369	(NA)	(NA)	(NA)	383	148	218	12,767	49,511	79,217	(⁶)	2,965	(NA)	(NA)	379
461,053	6,939	99	99	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3791
92,811	2,430	86	73	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3799
(⁶)	123,621	(NA)	(NA)	(NA)	3,141	984	1,635	272,586	1,200,323	2,130,958	(⁶)	94,008	(NA)	(NA)	38
1,000,235	25,593	83	74	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3811
(⁶)	24,204	(NA)	(NA)	(NA)	614	223	275	69,422	302,624	542,663	(⁶)	21,487	87	79	382
726,823	18,215	86	76	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(NA)	(NA)	3821
359,430	5,989	88	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3822
102,966	3,438	90	66	202	204	60	99	8,749	38,352	55,371	83,339	3,816	91	59	3831
(⁶)	13,439	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	384
130,477	2,812	83	76	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3841
461,846	9,110	84	90	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3842
115,667	1,517	95	92	193	197	49	112	7,103	28,206	53,290	79,171	1,434	95	94	3843
194,446	5,367	87	98	223	238	101	117	18,464	64,536	107,059	159,061	5,042	83	94	3851
1,204,905	46,770	94	94	428	449	150	208	63,008	308,324	595,900	960,119	38,664	88	96	3861

GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted ² (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number ¹	Payroll ¹ (\$1,000)	Number ¹	Man-hours (1,000)	Wages (\$1,000)	
	Instruments and related products—Continued										
387	Watches and clocks.....	(NA)	229	89	94	26,157	119,313	20,535	40,432	80,242	183,556
3871	Watches and clocks.....	153	168	65	72	23,505	106,739	18,308	36,080	70,808	165,158
3872	Watchcases.....	58	61	24	22	2,652	12,574	2,227	4,352	9,434	18,398
39	Miscellaneous manufacturing ⁸ 10.....	(NA)	14,273	3,606	9,384	571,434	2,847,330	412,734	810,283	1,702,441	4,754,260
391	Jewelry and silverware.....	(NA)	2,086	344	1,654	41,867	185,551	32,716	63,356	127,974	323,316
3911	Jewelry, precious metal.....	1,300	1,302	183	1,071	21,010	94,503	15,771	30,515	60,228	165,549
3912	Jewelers' findings & materials.	249	249	56	142	5,101	20,669	4,090	8,005	13,990	33,434
3913	Lapidary work.....	326	326	18	357	1,904	8,061	1,629	2,985	6,154	14,605
3914	Silverware and plated ware.....	198	209	87	84	13,852	62,318	11,226	21,851	47,602	109,728
3931	Musical instruments and parts....	253	274	117	122	17,450	81,657	13,617	26,616	57,778	131,703
394	Toys and sporting goods.....	(NA)	2,607	864	1,485	98,704	361,811	81,876	155,798	259,728	711,798
3941	Games and toys, nec.....	832	854	367	346	42,972	149,725	35,999	68,007	106,577	288,863
3942	Dolls.....	482	485	162	328	13,860	43,984	12,196	22,709	33,877	77,149
3943	Children's vehicles.....	56	58	33	13	4,708	19,625	3,946	7,712	14,932	31,727
3949	Sporting & athletic goods, nec.	1,169	1,210	302	798	37,164	148,477	29,735	57,370	104,342	314,059
395	Office supplies.....	(NA)	921	251	568	29,131	124,428	21,027	40,811	73,316	236,997
3951	Pens and mechanical pencils ⁸ ...	141	147	66	61	11,179	45,856	8,519	16,234	27,869	90,197
3952	Lead pencils and art goods.....	138	146	54	73	6,687	26,183	4,711	9,366	14,746	47,909
3953	Marking devices.....	497	525	70	409	5,447	24,775	3,875	7,357	15,603	39,940
3955	Carbon paper and inked ribbons.	97	103	61	25	5,818	27,614	3,922	7,854	15,098	58,951
396	Costume jewelry and notions.....	(NA)	2,205	571	1,503	56,274	193,621	46,984	88,180	136,498	338,324
3961	Costume jewelry.....	1,046	1,051	255	687	25,286	83,201	21,297	39,994	58,347	138,043
3962	Artificial flowers.....	428	431	101	347	6,770	19,021	5,932	11,038	14,377	34,650
3963	Buttons.....	347	356	87	293	6,462	21,526	5,504	10,425	15,817	37,967
3964	Needles, pins, and fasteners...	340	367	128	176	17,756	69,873	14,251	26,723	47,957	127,664
398	Miscellaneous manufacturing ⁸	(NA)	6,180	1,459	4,052	328,008	1,900,262	216,514	435,522	1,047,147	3,012,122
399											
190											
3981	Brooms and brushes.....	713	723	179	554	17,082	64,573	13,557	25,601	42,917	137,496
3982	Hard surface floor coverings.....	10	14	14	3	7,999	41,924	6,722	14,034	34,113	93,145
3983	Matches.....	18	23	20	1	5,127	21,097	4,350	8,505	16,400	41,776
3984	Candles.....	85	86	25	48	2,516	9,268	1,877	3,572	5,411	17,668
3987	Lamp shades.....	268	270	50	225	3,895	11,401	3,434	6,439	9,185	18,577
3988	Morticians' goods.....	562	592	219	339	17,362	73,736	13,805	27,760	50,604	128,879
3992	Furs, dressed and dyed.....	135	137	31	71	2,696	16,231	2,260	3,924	13,108	24,112
3993	Signs and advertising displays...	2,691	2,725	460	1,949	36,170	173,028	27,949	53,572	118,887	281,168
3995	Umbrellas, parasols and canes....	120	123	43	91	2,932	10,129	2,591	4,929	7,548	16,602
3999	Miscellaneous products, nec.....	1,235	1,259	264	725	27,285	109,053	21,890	42,116	76,299	192,313
1911	Guns, howitzers and mortars.....	4	5	4	...	251	1,970	124	297	819	2,942
1921	Artillery ammunition.....	23	25	17	3	4,028	20,358	2,727	5,405	12,593	26,811
1922	Ammunition loading.....	6	6	4	2	1,189	6,624	767	1,570	4,013	8,985
1925	Complete guided missiles.....	18	26	26	26	108,431	788,414	60,894	129,208	370,703	1,153,021
1929	Ammunition, nec.....	19	19	16	19	6,114	32,086	3,670	7,264	17,659	51,231
1931	Tanks and tank components.....	15	17	10	17	7,069	39,861	4,619	9,651	25,197	63,711
1941	Sighting & fire control equipment	22	25	20	25	45,506	304,273	23,695	47,831	132,838	457,757
1951	Small arms, 30 mm and under.....	34	34	23	34	8,010	39,213	5,823	11,580	27,240	51,005
1961	Small arms, ammunition.....	20	24	12	24	9,049	44,215	5,682	11,307	26,033	82,733
1999	Ordnance and accessories, nec....	45	47	22	48	15,297	92,808	10,078	20,957	55,580	162,190

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

*The 1954 figures are not shown because of revisions in the Standard Industrial Classification system which resulted in noncomparable data. For complete explanation of revisions to each industry, see specific industry chapter in 1958 Census of Manufactures, Volume II.

¹The 1958 report form requested employment figures for "production workers" for four selected pay periods (i.e., production workers in the midmonth pay periods in March, May, August, and November). For all other employees, the mid-March figure was requested. Thus, the "All employees" figure is composed of an average of four monthly figures for the "production workers" plus the March figure for all other employees. For most industries in 1954, separate data for "All employees" and "Production workers" were collected for the same periods as 1958. However, for industries of a seasonal type, an average based on the midmonth employment for 12 months was used for 1954.²Adjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered and other receipts such as the sale of scrap. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.³Does not include expenditures for plants under construction and not yet in operation. Figures for such capital expenditures will be shown in other tables.

GENERAL SUMMARY

1-23

by Industry Groups and Industries: 1958 and 1954—Continued

1958—Continued				1954												Code
Value of shipments	Capital expenditures, new ³	Specialization ratio ⁴	Coverage ratio ⁵	Companies, number	Establishments, number		Proprietors and partners	All employees		Value added by manufacture, adjusted ²	Value of shipments	Capital expenditures, new ³	Specialization ratio ⁴	Coverage ratio ⁵		
					Total	With 20 or more employees		Number ¹	Payroll							
(\$1,000)	(\$1,000)	(percent)	(percent)				(number)		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)		
(⁶)	4,810	(NA)	(NA)	(NA)	209	87	97	29,504	119,189	200,676	(⁶)	3,981	82	90	387	
334,928	4,607	88	95	141	145	59	69	25,708	103,232	181,868	343,786	3,511	82	90	3871	
34,660	(¹³)	80	98	63	64	28	28	3,795	15,957	18,808	35,229	(¹³)	86	85	3872	
(⁶)	183,231	(NA)	(NA)	(NA)	14,588	3,856	10,399	614,644	2,356,891	3,909,238	(⁶)	137,098	(NA)	(NA)	39	
(⁶)	6,838	(NA)	(NA)	(NA)	2,101	376	1,712	47,930	182,808	302,058	(⁶)	7,339	93	96	391	
325,542	3,392	95	97	1,323	1,327	204	1,131	23,455	90,373	149,600	273,537	1,836	93	96	3911	
71,878	715	89	96	234	234	61	141	5,371	18,911	31,439	70,275	1,558	92	91	3912	
40,428	(¹³)	99	90	332	333	14	358	1,759	5,459	11,181	40,266	(¹³)	97	91	3913	
196,055	2,478	95	98	190	207	97	82	17,345	68,064	109,836	217,183	3,826	91	97	3914	
258,988	4,664	95	94	(NA)	242	111	119	15,407	61,219	94,213	(⁶)	1,922	96	96	3931	
(⁶)	33,119	(NA)	(NA)	(NA)	2,461	764	1,582	88,559	266,135	468,358	(⁶)	17,599	93	91	394	
544,056	16,513	93	90	872	886	308	488	38,242	113,208	206,706	391,323	8,358	95	89	3941	
161,924	5,469	98	94	484	484	165	364	15,119	38,938	66,351	145,210	2,247	92	97	3942	
70,438	831	84	78	58	60	37	20	6,278	24,308	35,461	77,213	1,325	76	90	3943	
577,815	10,306	88	91	1,007	1,031	254	710	28,919	89,681	159,852	308,824	5,662	90	86	3949	
(⁶)	9,892	(NA)	(NA)	(NA)	832	225	556	28,218	109,046	200,908	(⁶)	7,399	...	...	395
150,279	3,829	93	93	138	140	61	71	10,879	44,123	84,121	129,975	3,054	89	95	3951	
98,494	2,049	88	92	(NA)	155	53	74	6,942	23,720	42,277	84,189	2,163	(NA)	(NA)	3952	
59,923	1,360	96	86	444	453	68	386	5,654	21,857	34,763	54,289	1,060	90	89	3953	
126,013	2,654	91	89	80	84	43	25	4,742	19,344	39,749	85,666	1,120	93	83	3955	
(⁶)	12,364	(NA)	(NA)	(NA)	2,364	630	1,827	66,675	200,398	318,312	(⁶)	10,165	91	94	396	
253,809	5,788	95	96	1,123	1,127	288	833	27,744	79,017	131,791	249,560	3,621	95	95	3961	
64,969	886	98	98	466	471	103	413	7,306	17,299	29,924	52,968	(¹³)	97	98	3962	
68,609	1,414	98	88	395	409	109	388	8,471	23,235	38,219	69,117	1,139	92	89	3963	
220,517	4,276	93	89	349	357	130	193	23,152	80,846	118,378	206,602	4,981	82	91	3964	
(⁶)	116,354	(NA)	(NA)	(NA)	6,572	1,750	4,603	358,209	1,493,683	2,422,132	(⁶)	86,319	(NA)	(NA)	398	
275,722	3,981	89	94	688	698	177	566	16,826	54,789	102,948	227,162	3,074	91	92	3981	
181,584	5,185	84	98	10	16	16	...	9,638	43,596	103,265	187,304	6,352	85	97	3982	
67,018	942	(D)	(D)	14	20	20	1	6,191	21,308	35,561	60,765	846	100	98	3983	
33,802	(¹³)	94	95	88	89	23	56	3,010	9,420	17,012	30,437	822	87	93	3984	
34,066	1,237	97	97	323	325	69	287	5,025	12,542	21,643	39,137	(¹³)	93	96	3987	
237,773	5,754	95	99	541	563	217	346	16,729	59,233	95,369	177,287	2,846	97	97	3988	
29,152	(¹³)	(¹²)	(¹²)	158	160	35	103	3,459	16,420	24,005	29,199	(¹³)	(¹²)	(¹²)	3992	
457,025	13,505	95	95	2,660	2,620	394	2,088	33,581	135,578	219,942	362,094	6,967	93	92	3993	
35,161	(¹³)	96	95	138	140	45	109	3,210	9,364	14,589	32,014	(¹³)	95	92	3995	
358,076	7,317	92	87	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3999	
6,892	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1911	
58,587	836	81	51	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1921	
9,042	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1922	
2,206,710	46,137	74	83	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1925	
70,816	5,351	80	58	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1929	
212,372	1,524	89	84	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1931	
845,851	6,358	93	91	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1941	
79,107	2,128	91	81	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1951	
167,446	4,166	(NA)	94	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(N	(NA)	(NA)	(NA)	1961	
564,479	10,756	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1999	

⁴The "Primary product specialization ratio" measures the extent to which plants classified in the industry "specialize" in making products classified as primary to the industry. That is, value of shipments of primary products of plants in the industry is expressed as a ratio of the total shipments of all products made by these establishments, (excluding "Miscellaneous receipts," such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.).

⁵The "Coverage ratio" measures the extent to which all shipments of primary products of an industry are made by plants classified in the industry. That is, value of shipments of the primary products made by plants classified in the industry is expressed as a ratio of the total shipments of primary products made by all producers, both in and out of the specified industry.

⁶The total value of shipments and total cost of materials figures for industry groups (2- and 3-digit) and a few individual industries (4-digit) have not been published due to the extensive duplication arising from shipments from one establishment to another in the same industry classification. (See Introduction.)

⁷The 1958 and 1954 "All industries" totals are not strictly comparable because of differences in scope between the two years in Major Groups 32 and 35. The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599, Machine shops, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for 1954.

⁸The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A of section relating to the specific industry in the 1958 Census of Manufactures, Volume II, for further information on the comparability of 1958 and 1954 statistics.

Footnotes continued on next page.

GENERAL SUMMARY

Footnotes for Table 3—Continued

⁹Comparable data for selected industries and industry groups are not available due to the adoption of the revised Standard Industrial Classification for 1958. For a complete description of these revisions, see Appendix A. However, selected figures have been retabulated to present comparable 1954 and 1958 data. They are shown in the following table.

1958 SIC code and year	Total establishments	All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new
		Number	Payroll	Number	Man-hours	Wages		
2611, 2621, 2631, and 2661.....1958..	846	223,249	1,240,267	185,788	401,178	961,834	2,792,951	424,737
1954..	932	216,255	974,866	183,039	401,498	777,832	2,304,785	370,539
264 and 265.....1958..	4,425	332,149	1,539,618	262,741	533,193	1,077,163	2,914,523	193,761
1954..	4,072	311,452	1,229,804	252,684	518,440	878,886	2,325,365	162,183
275 and 276.....1958..	17,980	311,421	1,637,806	242,767	465,844	1,191,909	2,589,701	722,659
1954..	15,564	285,460	1,294,642	223,825	435,919	933,816	2,093,964	102,379
32 except 3273...1958..	11,375	492,152	2,293,364	401,811	795,739	1,732,972	4,852,890	371,296
1954..	11,162	491,814	1,938,085	412,031	827,012	1,496,029	3,866,229	300,647
327 except 3273..1958..	5,514	87,635	388,718	68,132	139,484	273,544	872,372	82,760
1954..	5,410	89,610	340,287	70,328	149,022	241,437	733,630	61,680
331 and 339.....1958..	1,623	630,368	3,871,843	510,568	946,549	2,912,977	7,304,686	1,028,819
1954..	1,559	707,002	3,309,803	594,027	1,129,949	2,600,735	6,355,748	678,434
3441 and 3449....1958..	3,452	133,374	727,501	98,865	197,754	475,298	1,222,702	52,692
1954..	2,917	116,274	527,386	88,068	179,901	352,662	930,502	37,768
35 and 36.....1958..	37,958	2,470,537	129,096,646	17,577,753	34,423,359	8,156,325	22,786,559	1,126,345
1954..	31,619	2,441,736	10,859,724	1,848,720	3,701,484	7,426,923	18,981,289	1,030,586
3613 and 3622....1958..	618	80,021	428,422	53,574	106,429	252,222	836,939	25,431
1954..	452	79,314	361,398	56,183	111,372	228,245	687,308	31,478
365, 366, and 367.....1958..	2,622	486,895	2,383,746	346,831	679,909	1,443,358	4,159,349	235,018
1954..	2,268	445,817	1,752,211	333,364	653,130	1,152,459	3,160,950	132,581

¹⁰Includes privately owned and/or operated establishments classified in Major Industry Group 19, "Ordnance and Accessories." Establishments which are Government-owned and operated are not included.

¹¹Establishments in this industry reported value of production instead of value of shipments. Consequently, the formula for computing adjusted value added by manufacture was modified to exclude any change in finished products inventories between the beginning and end of the year.

¹²For further qualifications of the ratio for this industry see Appendix B - Industry Descriptions.

¹³Less than \$500 thousand.

¹⁴It has been determined that 44 very small establishments accounting in the aggregate for \$4,295,000 product shipments have been misclassified as to industry and properly should have been assigned to Industry 2643, Bags, except Textile Bags (formerly Industry 2661). This affects the total establishment count and the number of establishments in the smaller size classes, but has no appreciable effect on other statistics for this industry.

¹⁵The 1954 adjusted value added figures for industries classified in Major Group 27, Printing and Publishing Industries, do not reflect the change in inventories between the beginning and end of the year since inventory statistics were not collected from establishments classified in that industry group.

¹⁶Includes reports for Government-owned plants operated by private firms for the account of the Federal Government but excludes the activities of Government-owned and/or operated plants. However, capital expenditures of Government-owned-privately operated plants are excluded from the total for the industry.

¹⁷For 1958, a number of small establishments (under 20 employees) may have been misclassified in Industry 3661, Telephone; telegraph apparatus, because of insufficient product information. Although this has a significant effect on the number of establishments for this industry, it has virtually no effect on any of the other statistics, i.e., number of employees, salaries and wages, value added, etc. It is estimated that the effect on these principal statistics is less than 1 percent.

¹⁸Establishments in this industry reported value of work done instead of value of shipments. Consequently, the formula for computing adjusted value added by manufacture was not adjusted for any inventory changes between the beginning and end of the year. It does include value added by resales.

GENERAL SUMMARY

1-25

Table 4.—Detailed Statistics for All Operating Manufacturing Establishments in the United States by Major Industry Group: 1958

Item ¹	United States, total	Food and kindred products (SIC 20)	Tobacco products (SIC 21)	Textile mill products (SIC 22)	Apparel and related products (SIC 23)	Lumber and wood products (SIC 24)	Furniture and fixtures (SIC 25)
Number of establishments, total.....	298,182	41,619	504	7,675	29,297	37,789	10,160
With 1-19 employees.....	203,121	26,859	224	3,058	16,289	31,905	6,985
With 20-99 employees.....	68,077	10,996	142	2,589	10,350	4,917	2,406
With 100 employees or more.....	26,984	3,764	138	2,028	2,658	967	769
Proprietors and partners.....Number..	185,148	27,272	247	2,666	18,959	38,072	6,477
All employees:							
Number (average for the year).....	15,393,766	1,698,814	84,467	901,677	1,180,517	581,302	347,599
Payroll.....\$1,000..	73,749,749	7,553,284	294,650	2,938,140	3,585,646	1,986,109	1,388,669
Production workers:							
Number (average for the year).....	11,644,213	1,137,621	76,306	810,490	1,031,784	505,476	287,489
March.....	11,495,561	1,045,728	72,708	804,112	1,020,758	466,438	281,084
May.....	11,358,273	1,086,838	68,257	796,037	999,870	500,657	277,697
August.....	11,723,820	1,255,482	82,132	815,744	1,048,401	529,970	291,797
November.....	12,044,391	1,164,731	82,126	827,764	1,058,497	524,194	300,620
Man-hours.....1,000..	22,632,571	2,282,823	146,992	1,568,004	1,836,564	959,935	565,142
January-March.....do....	5,564,157	521,519	34,455	386,636	451,987	214,360	135,103
April-June.....do....	5,512,956	547,908	33,239	382,895	447,375	240,562	137,293
July-September.....do....	5,554,054	620,719	38,481	383,552	459,192	252,895	141,115
October-December.....do....	5,945,543	592,458	40,677	414,921	478,010	252,118	151,631
Wages.....\$1,000..	49,503,844	4,502,056	247,842	2,408,291	2,770,570	1,624,983	1,021,844
Value added by manufacture, adjusted.....do....	141,270,297	17,532,558	1,413,460	4,857,638	6,003,853	3,176,613	2,349,488
Cost of fuels consumed.....do....	2,829,777	289,844	4,289	84,003	15,747	70,177	14,899
Cost of electricity purchased.....do....	2,224,327	222,020	4,969	117,137	34,517	49,456	24,283
Manufacturers' inventories:							
Beginning of year, total.....do....	51,577,660	5,310,616	1,526,764	2,228,013	1,701,991	1,320,044	681,336
Finished products.....do....	17,053,750	2,995,877	551,462	874,641	751,837	571,837	194,728
Work-in-process.....do....	15,633,379	324,521	26,451	562,494	311,227	302,724	155,425
Materials, supplies, fuel, etc.....do....	18,890,530	1,990,218	948,852	790,878	638,927	445,483	331,183
End of year, total.....do....	49,651,459	5,489,609	1,500,226	2,085,739	1,633,385	1,348,210	683,036
Finished products.....do....	16,566,961	3,148,675	526,147	777,296	717,007	569,808	192,743
Work-in-process.....do....	15,034,845	330,586	23,735	552,790	307,898	300,531	158,615
Materials, supplies, fuel, etc.....do....	18,049,653	2,010,349	950,344	755,653	608,480	477,871	331,678
Expenditures for plant and equipment, total.....do....	9,596,686	1,009,526	38,946	246,312	97,538	297,741	88,939
New, total.....do....	9,075,759	964,624	38,069	211,744	89,450	276,893	81,746
New structures and additions to plant.....do....	3,009,401	286,576	7,476	37,354	25,450	91,016	30,442
New machinery and equipment.....do....	6,066,358	678,048	30,593	174,390	64,000	185,877	51,304
Used plant and equipment.....do....	520,927	44,902	877	34,568	8,088	20,848	7,193

See footnotes at end of table.

GENERAL SUMMARY

Table 4.—Detailed Statistics for All Operating Manufacturing Establishments in the United States
by Major Industry Group: 1958—Continued

Item ¹	Paper and allied products (SIC 26)	Printing and publishing (SIC 27)	Chemicals and allied products (SIC 28)	Petroleum and coal products (SIC 29)	Rubber and plastics products, nec (SIC 30)	Leather and leather products (SIC 31)	Stone, clay and glass products (SIC 32)
Number of establishments, total.....	5,271	35,368	11,309	1,608	4,462	4,534	15,022
With 1-19 employees.....	2,047	28,532	7,558	955	2,635	2,309	10,544
With 20-99 employees.....	1,822	5,449	2,608	376	1,268	1,239	3,363
With 100 employees or more.....	1,402	1,387	1,143	277	559	986	1,115
Proprietors and partners.....Number..	1,360	24,875	3,072	334	1,528	2,115	8,701
All employees:							
Number (average for the year).....	555,398	864,101	699,166	179,166	347,842	349,050	554,042
Payroll.....\$1,000..	2,779,885	4,479,679	3,947,175	1,116,673	1,723,295	1,145,683	2,594,971
Production workers:							
Number (average for the year).....	448,529	529,504	453,411	130,508	270,500	310,048	445,866
March.....	442,241	528,045	458,737	128,652	266,748	311,435	428,916
May.....	440,640	530,811	456,252	132,116	258,068	298,150	441,778
August.....	450,972	530,171	449,935	132,881	270,955	313,348	460,686
November.....	456,540	537,798	449,986	128,212	287,588	317,992	454,693
Man-hours.....1,000..	934,371	995,923	908,824	255,360	530,976	565,874	883,823
January-March.....do....	229,066	244,093	229,440	62,883	129,634	143,448	207,918
April-June.....do....	229,046	247,047	226,696	64,533	126,675	134,280	218,888
July-September.....do....	232,460	240,234	219,321	64,657	128,304	139,387	227,362
October-December.....do....	242,575	249,402	229,543	62,992	144,993	148,759	229,455
Wages.....\$1,000..	2,038,997	2,590,865	2,244,318	758,422	1,211,372	912,024	1,933,949
Value added by manufacture, adjusted.....do....	5,707,474	7,922,962	12,270,371	2,518,424	3,276,612	1,897,465	5,528,952
Cost of fuels consumed.....do....	263,208	21,751	359,459	184,816	39,331	13,855	337,912
Cost of electricity purchased.....do....	116,262	51,592	428,569	77,773	58,520	14,726	130,791
Manufacturers' inventories:							
Beginning of year, total.....do....	1,441,122	1,160,370	3,072,360	1,884,253	956,842	529,104	1,262,959
Finished products.....do....	401,617	309,264	1,400,991	1,062,247	483,241	193,762	618,920
Work-in-process.....do....	150,603	251,627	453,501	415,808	151,334	132,439	155,355
Materials, supplies, fuel, etc.....do....	888,902	599,479	1,217,868	406,198	322,267	202,903	488,684
End of year, total.....do....	1,440,728	1,168,068	3,001,693	1,675,873	927,552	530,906	1,231,147
Finished products.....do....	429,190	312,281	1,384,440	923,350	480,395	189,857	615,957
Work-in-process.....do....	155,149	251,439	431,196	385,138	147,782	136,246	150,391
Materials, supplies, fuel, etc.....do....	856,389	604,348	1,186,057	367,385	299,375	204,803	464,799
Expenditures for plant and equipment, total.....do....	638,315	436,831	1,137,944	674,516	203,106	35,731	462,281
New, total.....do....	618,488	408,610	1,115,806	671,926	196,896	31,736	442,286
New structures and additions to plant.....do....	137,910	136,145	274,903	525,294	43,264	7,085	124,773
New machinery and equipment.....do....	480,578	272,465	840,903	146,632	153,632	24,651	317,513
Used plant and equipment.....do....	19,817	28,221	22,138	2,590	6,210	3,995	19,995

See footnotes at end of table.

GENERAL SUMMARY

1-27

Table 4.—Detailed Statistics for All Operating Manufacturing Establishments in the United States
by Major Industry Group: 1958—Continued

Item ¹	Primary metal industries (SIC 33)	Fabricated metal products (SIC 34)	Machinery, except electrical (SIC 35)	Electrical machinery (SIC 36)	Transportation equipment (SIC 37)	Instruments and related products (SIC 38)	Miscellaneous manufacturing ² (SIC 39)
Number of establishments, total.....	6,446	24,782	29,839	8,091	6,607	3,526	14,273
With 1-19 employees.....	3,035	16,470	22,479	4,292	3,945	2,333	10,667
With 20-99 employees.....	1,948	6,139	5,275	2,113	1,529	772	2,776
With 100 or more.....	1,463	2,173	2,085	1,686	1,133	421	830
Proprietors and partners.....Number..	2,282	12,691	18,041	2,301	3,322	1,449	9,384
All employees:							
Number (average for the year).....	1,096,359	1,057,986	1,348,245	1,122,284	1,557,759	296,558	571,434
Payroll.....\$1,000..	6,303,447	5,412,405	7,303,661	5,605,985	9,164,581	1,578,481	2,847,330
Production workers:							
Number (average for the year).....	886,594	812,587	949,132	808,621	1,134,640	202,373	412,734
March.....	888,174	802,717	984,518	802,128	1,160,440	203,507	399,475
May.....	849,462	787,150	953,326	771,254	1,108,760	199,241	401,909
August.....	874,815	819,251	926,886	800,100	1,049,705	199,844	420,745
November.....	934,760	848,170	947,421	861,587	1,221,023	207,712	432,977
Man-hours.....1,000..	1,676,937	1,603,453	1,852,822	1,589,497	2,266,224	398,744	810,283
January-March.....do....	416,721	393,018	485,852	399,364	586,512	100,228	191,920
April-June.....do....	394,259	387,581	468,967	381,511	548,224	98,994	196,983
July-September.....do....	403,445	392,126	423,430	373,697	523,301	92,323	198,053
October-December.....do....	462,222	426,386	460,047	433,053	605,086	105,220	215,994
Wages.....\$1,000..	4,713,957	3,724,130	4,646,579	3,509,746	6,019,960	921,498	1,702,441
Value added by manufacture, adjusted.....do....	11,671,341	9,412,183	12,391,190	10,395,369	15,283,694	2,906,390	4,754,260
Cost of fuels consumed.....do....	743,509	91,722	95,136	58,480	100,224	14,424	26,991
Cost of electricity purchased.....do....	366,960	108,687	114,721	95,122	152,196	17,211	37,815
Manufacturers' inventories:							
Beginning of year, total.....do....	5,370,848	3,768,211	5,973,626	3,707,146	7,011,192	999,786	1,671,077
Finished products.....do....	1,337,928	988,129	1,813,501	1,135,539	718,216	240,758	409,255
Work-in-process.....do....	1,506,794	1,190,398	2,544,063	1,489,245	4,358,619	501,799	648,952
Materials, supplies, fuel, etc.....do....	2,526,126	1,589,684	1,616,061	1,082,361	1,934,357	257,229	612,870
End of year, total.....do....	5,450,503	3,534,046	5,397,018	3,383,126	6,357,752	983,847	1,828,995
Finished products.....do....	1,409,728	936,312	1,668,930	969,583	639,962	237,344	437,956
Work-in-process.....do....	1,571,173	1,106,131	2,269,817	1,429,108	4,104,098	499,708	723,314
Materials, supplies, fuel, etc.....do....	2,469,602	1,491,603	1,458,271	984,433	1,613,692	246,795	667,726
Expenditures for plant and equipment, total.....do....	1,457,516	503,541	743,217	504,711	690,915	132,876	194,941
New, total.....do....	1,427,619	458,397	676,419	449,925	608,273	123,621	183,231
New structures and additions to plant.....do....	527,975	144,859	198,319	142,430	166,423	39,809	61,908
New machinery and equipment.....do....	899,644	313,538	478,100	307,495	441,850	83,812	121,322
Used plant and equipment.....do....	29,897	45,144	66,798	54,800	83,881	9,255	11,710

Note: Detailed figures may not add to totals because of independent rounding or dropping of fractions rather than rounding in computer operations.

¹In 1958, establishments that reported on the short form (generally those with less than six employees) were asked to show only their total payroll, total expenditures for new plant and equipment, total beginning and end of year inventories, and total cost of materials, supplies, fuel and electric energy. Their 1958 totals were prorated on the basis of 1958 averages of the establishments in the industry that reported detailed payroll, inventory, expenditure, fuel and electric energy data by type to obtain figures representing all establishments for 1958. In addition, the breakdown of employment between production workers and other employees and the imputation of production worker man-hours were accomplished by the same method.

²Includes privately owned and/or operated establishments classified in Industry Group 19, "Ordnance and Accessories." Government owned and operated establishments are excluded from the data.

GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
United States:						
1958.....	15,995,814	78,217,644	15,393,766	73,749,749	602,048	4,467,895
1954.....	16,098,653	65,866,573	15,645,491	62,962,664	453,162	2,903,909
New England:						
1958.....	1,398,720	6,293,787	1,359,919	6,045,201	38,801	248,586
1954.....	1,448,467	5,453,854	1,431,298	5,356,130	17,169	97,724
Maine:						
1958.....	98,262	377,186	97,690	373,155	572	4,031
1954.....	104,507	325,048	104,025	322,158	482	2,890
New Hampshire:						
1958.....	79,582	297,624	78,250	292,559	1,332	5,065
1954.....	77,332	246,719	77,071	245,346	261	1,373
Vermont:						
1958.....	32,495	132,466	32,335	131,712	160	754
1954.....	36,112	123,577	35,899	122,829	213	748
Massachusetts:						
1958.....	680,498	3,069,438	658,433	2,926,898	22,065	142,540
1954.....	685,441	2,575,649	677,140	2,528,296	8,301	47,353
Rhode Island:						
1958.....	113,975	451,683	112,880	444,144	1,095	7,539
1954.....	125,041	431,889	123,970	425,365	1,071	6,524
Connecticut:						
1958.....	393,908	1,965,390	380,331	1,876,733	13,577	88,657
1954.....	420,034	1,750,972	413,193	1,712,136	6,841	38,836
Middle Atlantic:						
1958.....	4,110,205	20,450,201	3,881,843	18,679,014	228,362	1,771,187
1954.....	4,285,636	17,862,570	4,105,248	16,656,158	180,388	1,206,412
New York:						
1958.....	1,914,258	9,616,870	1,782,380	8,573,246	131,878	1,043,624
1954.....	2,000,717	8,444,256	1,895,982	7,734,388	104,735	709,868
New Jersey:						
1958.....	795,260	4,067,680	761,916	3,822,892	33,344	244,788
1954.....	813,215	3,511,045	787,593	3,352,425	25,622	158,620
Pennsylvania:						
1958.....	1,400,687	6,765,651	1,337,547	6,282,876	63,140	482,775
1954.....	1,471,704	5,907,269	1,421,673	5,569,345	50,031	337,924
East North Central:						
1958.....	4,259,627	22,979,582	4,084,360	21,678,590	175,267	1,300,992
1954.....	4,596,858	20,885,110	4,458,019	19,992,316	138,839	892,794
Ohio:						
1958.....	1,200,646	6,517,038	1,162,276	6,229,228	38,370	287,810
1954.....	1,291,291	5,815,334	1,265,606	5,643,946	25,685	171,388
Indiana:						
1958.....	551,009	2,874,299	544,347	2,826,593	6,662	47,706
1954.....	588,408	2,533,375	583,821	2,507,314	4,587	26,061
Illinois:						
1958.....	1,188,235	6,215,622	1,139,412	5,864,600	48,823	351,022
1954.....	1,222,164	5,419,543	1,177,043	5,134,917	45,121	284,626
Michigan:						
1958.....	880,428	5,164,299	809,590	4,618,694	70,838	545,605
1954.....	1,056,011	5,248,902	1,001,630	4,891,749	54,381	357,153
Wisconsin:						
1958.....	439,309	2,208,324	428,735	2,139,475	10,574	68,849
1954.....	438,984	1,867,956	429,919	1,814,390	9,065	53,566
West North Central:						
1958.....	962,858	4,608,361	932,590	4,407,575	30,268	200,786
1954.....	962,040	3,854,696	936,854	3,718,695	25,186	136,001
Minnesota:						
1958.....	219,769	1,088,835	209,187	1,020,211	10,582	68,624
1954.....	208,506	865,254	200,522	822,138	7,984	43,116
Iowa:						
1958.....	166,126	812,475	164,499	801,705	1,627	10,770
1954.....	163,669	648,361	162,705	643,980	964	4,381

See footnotes at end of table.

GENERAL SUMMARY

1-29

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
West North Central—Continued						
Missouri:						
1958.....	380,290	1,770,061	364,006	1,659,111	16,284	110,950
1954.....	381,873	1,496,742	368,479	1,420,103	13,394	76,639
North Dakota:						
1958.....	6,324	26,198	6,324	26,198	...	...
1954.....	5,613	19,228	5,604	19,189	9	39
South Dakota:						
1958.....	12,901	54,786	12,901	54,786	...	...
1954.....	11,543	41,128	11,531	41,096	12	32
Nebraska:						
1958.....	58,625	265,208	57,709	258,991	916	6,217
1954.....	59,404	223,500	56,996	213,732	2,408	9,768
Kansas:						
1958.....	118,823	590,798	117,964	586,573	859	4,225
1954.....	131,432	560,483	131,017	558,457	415	2,026
South Atlantic:						
1958.....	1,888,903	7,278,947	1,844,724	6,943,670	44,179	335,277
1954.....	1,777,337	5,698,811	1,745,368	5,480,898	31,969	...
Delaware:						
1958.....	58,091	348,645	40,491	191,783	17,600	156,862
1954.....	54,530	267,354	39,418	151,269	15,112	116,085
Maryland:						
1958.....	259,078	1,255,269	256,897	1,241,823	2,181	13,446
1954.....	255,447	1,002,037	253,144	987,559	2,303	14,478
District of Columbia:						
1958.....	21,285	113,949	20,818	109,653	467	4,296
1954.....	20,706	92,274	20,399	90,083	307	2,191
Virginia:						
1958.....	258,066	986,160	251,909	948,960	6,157	37,200
1954.....	242,768	776,820	239,733	760,454	3,035	16,366
West Virginia:						
1958.....	117,828	586,038	114,431	560,136	3,397	25,902
1954.....	122,390	494,893	118,568	472,560	3,822	22,333
North Carolina:						
1958.....	462,379	1,489,853	455,467	1,445,574	6,912	44,279
1954.....	434,612	1,184,897	430,001	1,157,416	4,611	27,481
South Carolina:						
1958.....	225,510	732,149	224,549	726,644	961	5,505
1954.....	219,923	634,756	219,447	632,709	476	2,547
Georgia:						
1958.....	314,303	1,076,544	312,350	1,062,498	1,953	14,046
1954.....	303,017	853,496	301,290	843,557	1,727	9,939
Florida:						
1958.....	172,363	690,340	167,812	656,599	4,551	33,741
1954.....	123,944	389,284	123,368	385,291	576	3,993
East South Central:						
1958.....	783,499	3,101,757	767,104	2,991,764	16,395	109,993
1954.....	729,115	2,364,648	714,758	2,288,840	14,760	75,808
Kentucky:						
1958.....	162,228	721,348	157,754	693,174	4,474	28,174
1954.....	151,093	554,780	146,434	529,206	4,659	25,574
Tennessee:						
1958.....	282,856	1,105,837	275,790	1,058,364	7,066	47,473
1954.....	267,093	881,172	260,599	850,175	6,494	30,997
Alabama:						
1958.....	229,830	920,009	225,358	887,204	4,472	32,805
1954.....	220,077	690,015	217,084	672,109	2,993	17,906
Mississippi:						
1958.....	108,585	354,563	108,202	353,022	383	1,541
1954.....	90,852	238,681	90,641	237,350	211	1,331

See footnotes at end of table.

GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
West South Central:						
1958.....	796,818	3,660,302	771,432	3,482,344	25,386	177,958
1954.....	731,005	2,779,536	713,363	2,678,358	17,642	101,178
Arkansas:						
1958.....	88,655	292,731	87,899	288,146	756	4,585
1954.....	79,052	221,763	78,391	218,473	661	3,290
Louisiana:						
1958.....	136,944	621,397	136,377	618,089	567	3,308
1954.....	145,486	534,883	144,757	531,639	729	3,244
Oklahoma:						
1958.....	93,337	458,183	80,752	367,935	12,585	90,248
1954.....	89,257	363,627	79,851	307,902	9,406	55,725
Texas:						
1958.....	477,882	2,287,991	466,404	2,208,174	11,478	79,817
1954.....	417,210	1,659,263	410,364	1,620,344	6,846	38,919
Mountain:						
1958.....	229,432	1,150,783	225,296	1,123,100	4,136	27,683
1954.....	185,012	737,540	182,440	723,281	2,572	14,259
Montana:						
1958.....	20,315	94,827	20,197	94,090	118	737
1954.....	18,519	72,090	18,373	71,289	146	801
Idaho:						
1958.....	27,582	128,146	27,239	126,015	343	2,131
1954.....	24,197	94,221	24,024	92,986	173	1,235
Wyoming:						
1958.....	6,704	33,516	6,355	31,173	349	2,343
1954.....	6,261	26,890	6,228	26,774	33	116
Colorado:						
1958.....	77,574	405,301	75,542	390,918	2,032	14,383
1954.....	64,446	254,754	63,041	247,110	1,405	7,644
New Mexico:						
1958.....	13,740	59,428	13,643	58,694	97	734
1954.....	9,709	32,938	9,603	32,433	106	505
Arizona:						
1958.....	40,850	216,281	40,569	214,390	281	1,891
1954.....	26,210	110,684	26,090	109,868	120	816
Utah:						
1958.....	37,633	186,189	36,747	181,040	886	5,149
1954.....	29,947	120,623	29,364	117,520	583	3,103
Nevada:						
1958.....	5,034	27,095	5,004	26,780	30	315
1954.....	5,723	25,340	5,717	25,301	6	39
Pacific:						
1958.....	1,565,670	8,693,313	1,526,416	8,397,880	39,254	295,433
1954.....	1,382,178	6,226,333	1,357,138	6,062,013	25,040	164,320
Washington:						
1958.....	215,017	1,173,302	212,049	1,157,119	2,968	16,183
1954.....	194,071	854,093	192,354	842,660	1,717	11,433
Oregon:						
1958.....	133,976	648,614	132,572	639,672	1,404	8,942
1954.....	135,309	566,671	134,343	561,580	966	5,091
California:						
1958.....	1,216,677	6,871,397	1,181,795	6,601,089	34,882	270,308
1954.....	1,052,798	4,805,569	1,030,441	4,657,773	22,357	147,796
STANDARD METROPOLITAN STATISTICAL AREAS ³						
Akron:						
1958.....	83,366	476,270	79,403	448,542	3,963	27,728
1954.....	88,561	406,264	85,905	389,094	2,656	17,170
Albany-Schenectady-Troy:						
1958.....	72,359	391,062	63,275	324,438	9,084	66,624
1954.....	85,492	387,793	79,997	352,697	5,495	35,096
Albuquerque:						
1958.....	6,677	32,267	6,613	31,944	64	323
1954.....	4,026	14,208	3,929	13,745	97	463

See footnotes at end of table.

GENERAL SUMMARY

1-31

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Allentown-Bethlehem-Easton:						
1958.....	93,923	430,209	88,335	379,423	5,588	50,786
1954.....	94,208	354,288	90,265	323,179	3,943	31,109
Altoona:						
1958.....	10,400	39,595	10,391	39,556	9	39
1954.....	8,417	25,939	8,417	25,939	...	...
Amarillo:						
1958.....	3,707	16,600	3,633	16,121	74	479
1954.....	3,228	12,901	3,147	12,429	81	472
Anderson:						
1958.....	23,467	123,761	23,467	123,761	...	...
1954.....	25,725	114,815	25,725	114,815	...	...
Ann Arbor:						
1958.....	18,074	103,935	17,333	98,940	741	4,995
1954.....	21,642	102,875	21,161	99,821	479	3,054
Asheville:						
1958.....	12,173	43,796	12,161	43,757	12	39
1954.....	11,086	35,411	11,071	35,391	15	20
Atlanta:						
1958.....	83,738	380,436	82,451	371,096	1,287	9,340
1954.....	81,966	300,207	80,627	292,915	1,339	7,292
Atlantic City:						
1958.....	7,139	23,282	7,132	23,245	7	37
1954.....	6,202	18,428	6,202	18,428	...	...
Augusta:						
1958.....	23,103	104,202	22,720	102,657	383	1,545
1954.....	27,948	112,821	27,748	112,011	200	810
Austin:						
1958.....	4,996	18,908	4,884	18,125	112	783
1954.....	3,388	11,003	3,388	11,003	...	...
Bakersfield:						
1958.....	5,545	30,731	5,318	27,617	227	3,114
1954.....	3,250	14,637	3,181	14,258	69	379
Baton Rouge:						
1958.....	19,035	119,476	19,012	119,313	23	163
1954.....	18,909	98,547	18,882	98,399	27	148
Baltimore:						
1958.....	197,814	1,011,390	195,926	1,000,290	1,888	11,100
1954.....	196,138	808,905	194,249	797,160	1,889	11,745
Bay City:						
1958.....	9,315	50,881	9,315	50,881	...	...
1954.....	10,691	46,787	10,691	46,787	...	...
Beaumont-Port Arthur:						
1958.....	32,527	195,174	32,077	191,512	450	3,662
1954.....	31,030	151,993	30,825	150,639	205	1,354
Binghamton:						
1958.....	39,787	194,124	38,057	186,374	1,730	7,750
1954.....	42,147	165,368	40,502	159,561	1,645	5,807
Boston:						
1958.....	302,865	1,463,401	285,611	1,351,628	17,254	111,773
1954.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Birmingham:						
1958.....	63,495	335,698	60,450	312,794	3,045	22,904
1954.....	60,663	253,862	57,762	236,624	2,901	17,238
Bridgeport:						
1958.....	64,706	331,544	62,859	319,448	1,847	12,096
1954.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Brockton:						
1958.....	15,754	58,797	15,489	57,647	265	1,150
1954.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Buffalo:						
1958.....	173,467	978,633	169,877	954,466	3,590	24,167
1954.....	203,357	946,591	200,801	933,873	2,556	12,718

See footnotes at end of table.

GENERAL SUMMARY

Table 5 -Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954-Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ -Continued						
Chattanooga:						
1958.....	40,945	166,305	40,697	164,878	248	1,427
1954.....	43,019	145,186	42,759	143,569	260	1,617
Canton:						
1958.....	51,166	269,691	50,489	265,068	677	4,623
1954.....	56,925	248,897	56,762	247,442	163	1,455
Cedar Rapids:						
1958.....	19,045	98,650	18,859	97,718	186	932
1954.....	18,593	75,970	18,457	75,434	136	536
Charlotte:						
1958.....	25,369	100,671	24,364	94,254	1,005	6,417
1954.....	22,375	73,374	21,635	68,387	740	4,987
Chicago:						
1958.....	855,877	4,590,659	813,569	4,280,994	42,308	309,665
1954.....	889,784	3,827,920	849,438	3,802,346	40,346	255,754
Chicago, Ill.-Northwestern Ind.:						
1958.....	955,871	5,204,179	911,823	4,881,584	44,048	322,595
1954.....	991,642	4,545,600	950,954	4,287,691	40,688	257,909
Cincinnati:						
1958.....	151,318	809,356	144,464	760,128	6,854	49,228
1954.....	154,153	690,139	151,189	672,891	2,964	17,248
Champaign-Urbana:						
1958.....	2,718	12,434	2,428	11,240	290	1,194
1954.....	2,446	9,671	2,446	9,671	...	...
Charleston, South Carolina:						
1958.....	9,354	34,854	9,330	34,676	24	178
1954.....	9,282	27,150	9,233	29,930	49	220
Charleston, West Virginia:						
1958.....	22,862	140,866	20,924	125,891	1,938	14,975
1954.....	23,224	119,049	21,222	107,455	2,002	11,594
Cleveland:						
1958.....	264,529	1,512,726	253,130	1,420,577	11,399	92,149
1954.....	301,359	1,443,519	291,037	1,376,234	10,322	67,285
Columbia:						
1958.....	11,183	34,304	11,168	34,234	15	70
1954.....	9,977	26,048	9,971	26,025	6	23
Columbus, Ohio:						
1958.....	71,598	376,062	68,231	357,688	3,367	18,374
1954.....	73,633	318,569	72,936	314,521	697	4,048
Columbus, Georgia:						
1958.....	17,105	51,245	17,105	51,245	...	...
1954.....	17,913	43,788	17,913	43,788	...	...
Corpus Christi:						
1958.....	7,672	39,820	7,454	38,172	218	1,648
1954.....	6,910	29,328	6,721	28,241	189	1,087
Dallas:						
1958.....	95,087	460,953	91,149	432,975	3,938	27,978
1954.....	80,462	319,408	77,787	303,582	2,675	15,826
Davenport-Rock Island-Moline:						
1958.....	35,961	199,222	35,002	189,816	959	9,406
1954.....	36,021	160,156	35,284	154,388	737	5,768
Dayton:						
1958.....	96,534	547,130	94,537	537,425	1,997	9,705
1954.....	107,448	510,210	106,007	499,406	1,441	10,804
Decatur:						
1958.....	14,057	71,762	13,983	71,175	74	587
1954.....	12,217	53,530	12,184	52,880	33	650
Denver:						
1958.....	53,686	286,018	52,084	274,272	1,602	11,746
1954.....	43,107	177,589	41,854	170,744	1,253	6,845

See footnotes at end of table.

GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Des Moines:						
1958.....	23,230	119,147	23,004	117,457	226	1,690
1954.....	22,524	94,931	22,482	94,592	42	339
Detroit:						
1958.....	467,825	2,972,087	405,035	2,480,281	62,790	491,806
1954.....	589,941	3,113,153	538,223	2,773,349	51,718	340,404
Dubuque:						
1958.....	10,581	56,027	10,416	55,352	165	675
1954.....	10,326	42,495	10,322	42,446	4	49
Duluth-Superior:						
1958.....	11,375	56,429	11,290	55,901	85	528
1954.....	12,740	49,739	12,724	49,617	16	122
Durham:						
1958.....	12,638	47,006	12,453	45,552	185	1,454
1954.....	13,213	40,435	13,076	39,598	137	837
El Paso:						
1958.....	11,526	43,254	11,205	41,162	321	2,092
1954.....	9,465	29,780	9,232	28,534	233	1,246
Erie:						
1958.....	34,858	178,776	34,858	176,776	...	...
1954.....	40,647	173,049	40,488	171,969	159	1,080
Evansville:						
1958.....	26,707	126,977	26,690	126,835	17	142
1954.....	34,684	143,318	34,623	143,048	61	270
Fall River:						
1958.....	23,665	74,664	23,663	74,658	2	6
1954.....	27,005	74,066	26,990	73,942	15	124
Fitchburg-Leominster:						
1958.....	16,718	73,207	16,644	71,994	74	1,213
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
Flint:						
1958.....	57,651	343,001	57,536	342,303	115	698
1954.....	75,414	387,722	75,410	387,681	4	41
Fort Smith:						
1958.....	8,140	28,842	8,129	28,727	11	115
1954.....	6,376	19,472	6,376	19,472	...	...
Fort Wayne:						
1958.....	33,360	184,046	31,328	168,768	2,032	15,278
1954.....	35,187	162,240	33,012	149,898	2,175	12,342
Fort Worth:						
1958.....	56,522	293,650	55,344	288,235	1,178	5,415
1954.....	50,075	215,661	49,605	213,912	470	1,749
Fresno:						
1958.....	12,507	55,294	12,428	54,757	79	537
1954.....	12,786	50,923	12,747	50,734	39	189
Gadsden:						
1958.....	11,714	58,724	11,714	58,724	...	...
1954.....	12,760	47,483	12,760	47,483	...	...
Galveston:						
1958.....	10,962	66,705	10,631	63,842	331	2,863
1954.....	10,910	54,437	10,910	54,437	...	...
Gary-Hammond-East Chicago:						
1958.....	99,994	613,520	98,254	600,590	1,740	12,930
1954.....	101,858	487,500	101,516	485,345	342	2,155
Grand Rapids:						
1958.....	44,468	233,995	44,304	232,923	164	1,072
1954.....	52,372	244,845	52,337	244,270	35	575
Green Bay:						
1958.....	12,228	59,998	12,183	59,670	45	328
1954.....	11,226	48,055	11,071	47,193	155	862

See footnotes at end of table.

GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Greensboro-High Point:						
1958.....	41,873	144,077	40,115	132,090	1,758	11,987
1954.....	38,588	112,415	37,380	104,332	1,208	8,083
Greenville:						
1958.....	30,007	97,893	29,789	96,459	218	1,434
1954.....	27,470	78,807	27,349	78,079	121	728
Hamilton-Middletown:						
1958.....	31,102	194,475	29,230	172,475	1,872	22,000
1954.....	33,052	164,221	31,764	152,989	1,288	11,232
Harrisburg:						
1958.....	32,797	137,251	31,718	129,846	1,079	7,405
1954.....	32,217	109,550	31,681	106,923	536	2,627
Hartford:						
1958.....	87,427	453,977	83,183	423,811	4,244	30,166
1954.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Houston:						
1958.....	93,220	514,806	89,294	485,267	3,926	29,539
1954.....	79,147	372,063	77,756	362,976	1,391	9,087
Huntington-Ashland:						
1958.....	22,882	118,300	22,139	113,673	743	4,627
1954.....	24,722	100,137	24,178	97,212	544	2,925
Indianapolis:						
1958.....	96,435	533,278	95,153	524,518	1,282	8,760
1954.....	103,147	469,429	102,233	464,243	914	5,186
Jackson, Michigan:						
1958.....	14,904	80,972	14,899	80,834	5	38
1954.....	15,806	73,628	15,575	72,444	231	1,184
Jackson, Mississippi:						
1958.....	9,294	34,550	9,228	34,177	66	373
1954.....	7,452	21,900	7,421	21,557	31	343
Jacksonville:						
1958.....	19,229	77,723	19,091	76,863	138	860
1954.....	17,402	58,172	17,343	57,854	59	318
Jersey City:						
1958.....	124,348	619,229	120,678	591,645	3,670	27,584
1954.....	136,639	590,626	133,063	569,410	3,576	21,216
Johnstown:						
1958.....	23,648	110,377	23,462	108,902	186	1,475
1954.....	23,431	84,113	23,227	82,667	204	1,446
Kalamazoo:						
1958.....	25,063	136,541	24,321	132,016	742	4,525
1954.....	24,088	108,806	23,948	108,035	140	771
Kansas City:						
1958.....	102,351	521,133	99,571	504,810	2,600	16,323
1954.....	117,501	512,195	115,132	497,764	2,369	14,431
Kenosha:						
1958.....	15,529	84,774	15,436	84,128	93	646
1954.....	15,207	66,572	15,113	65,925	94	647
Knoxville:						
1958.....	34,545	168,608	31,020	135,533	4,525	33,075
1954.....	34,002	120,099	33,903	119,668	99	431
Lancaster:						
1958.....	44,030	191,109	42,295	177,311	1,735	13,798
1954.....	43,681	157,769	42,545	150,619	1,136	7,150
Lansing:						
1958.....	25,795	150,921	24,739	144,921	1,056	6,000
1954.....	33,144	165,948	32,171	160,488	973	5,460
Laredo:						
1958.....	940	2,164	940	2,164	...	...
1954.....	856	1,658	844	1,602	12	56

See footnotes at end of table.

GENERAL SUMMARY

1-35

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Lawrence-Haverhill:						
1958.....	36,206	148,650	35,936	146,500	270	2,150
1954.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Lewiston-Auburn: ⁵						
1958.....	13,046	42,456	12,969	41,917	77	539
Lexington:						
1958.....	7,826	36,815	7,717	35,767	109	1,048
1954.....	4,420	13,635	4,317	13,156	103	479
Lima:						
1958.....	13,533	71,364	13,526	71,274	7	90
1954.....	14,722	58,038	14,691	57,831	31	207
Lincoln:						
1958.....	8,626	38,882	8,498	38,116	128	766
1954.....	8,681	32,342	8,681	32,342	...	...
Little Rock-North Little Rock:						
1958.....	13,415	47,467	13,392	47,398	23	69
1954.....	11,640	34,008	11,626	33,889	14	119
Lorain-Elyria:						
1958.....	24,823	144,324	23,732	137,574	1,091	6,750
1954.....	30,528	138,576	30,096	136,363	432	2,213
Los Angeles-Long Beach:						
1958.....	729,216	4,148,525	712,711	4,020,622	16,505	127,903
1954.....	648,826	2,992,773	641,065	2,943,000	7,761	49,773
Louisville:						
1958.....	86,653	434,598	83,189	412,348	3,464	22,250
1954.....	88,518	375,717	84,653	354,192	3,865	21,525
Lowell:						
1958.....	18,303	66,671	18,107	65,120	196	1,551
1954.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Lubbock:						
1958.....	4,191	17,368	4,191	17,368	...	...
1954.....	2,837	10,231	2,818	10,134	19	97
Lynchburg:						
1958.....	15,809	57,007	15,223	53,926	586	3,081
1954.....	13,945	53,094	13,945	53,094	...	...
Macon:						
1958.....	10,964	38,632	10,721	37,099	243	1,533
1954.....	10,770	31,441	10,542	30,137	228	1,304
Madison:						
1958.....	12,367	63,327	11,737	57,983	630	5,344
1954.....	13,911	59,423	13,355	55,714	556	3,709
Manchester:						
1958.....	18,029	63,542	17,729	62,231	300	1,311
1954.....	18,839	57,449	18,835	57,397	4	52
Memphis:						
1958.....	41,228	176,491	40,658	173,356	570	3,135
1954.....	42,262	155,485	41,804	152,582	458	2,903
Miami:						
1958.....	36,872	143,015	36,528	140,092	344	2,923
1954.....	24,317	80,212	24,229	79,470	88	742
Milwaukee:						
1958.....	185,215	1,021,261	180,758	992,131	4,457	29,130
1954.....	188,544	871,229	183,816	843,382	4,728	27,847
Minneapolis-St. Paul:						
1958.....	144,978	760,561	135,136	696,603	9,842	63,958
1954.....	143,064	628,064	135,288	586,150	7,776	41,914
Mobile:						
1958.....	17,348	82,988	17,267	82,455	81	533
1954.....	15,418	56,957	15,381	56,703	37	254
Montgomery:						
1958.....	6,627	21,661	6,627	21,661	...	...
1954.....	6,281	17,753	6,281	17,753	...	...

See footnotes at end of table.

GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Muncie:						
1958.....	14,968	82,989	14,960	82,924	8	65
1954.....	17,459	79,805	17,453	79,788	6	17
Muskegon—Muskegon Heights:						
1958.....	23,504	124,472	23,314	123,206	190	1,266
1954.....	25,429	117,311	25,272	116,326	157	985
Nashville:						
1958.....	36,111	155,497	34,198	145,200	1,913	10,297
1954.....	32,691	110,612	30,499	104,061	2,192	6,551
New Bedford:						
1958.....	26,522	90,858	26,492	90,607	30	251
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
New Britain:						
1958.....	31,588	150,805	31,445	149,851	143	954
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
New Haven:						
1958.....	42,425	205,380	42,113	201,827	312	3,553
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
New Orleans:						
1958.....	45,551	203,912	45,291	202,271	260	1,641
1954.....	53,556	194,933	53,313	193,617	243	1,316
New York:						
1958.....	1,182,602	5,865,819	1,074,561	4,984,653	108,041	881,166
1954.....	1,203,384	5,037,954	1,120,638	4,453,870	82,746	584,084
New York-Northeastern New Jersey:						
1958.....	1,793,656	9,005,914	1,660,404	7,946,344	133,252	1,059,570
1954.....	1,835,339	7,804,905	1,731,977	7,095,016	103,362	709,889
Newark:						
1958.....	245,586	1,290,377	226,651	1,155,750	18,935	134,627
1954.....	255,504	1,138,598	241,925	1,054,763	13,579	83,835
Newport News-Hampton:						
1958.....	17,247	88,539	17,110	88,020	137	519
1954.....	18,366	80,079	18,255	79,747	111	332
Norfolk-Portsmouth:						
1958.....	15,202	63,429	14,886	61,420	316	2,009
1954.....	15,723	55,306	15,464	54,156	259	1,150
Ogden:						
1958.....	4,605	22,709	4,522	22,111	83	598
1954.....	3,079	11,712	2,931	11,029	142	683
Oklahoma City:						
1958.....	18,732	85,364	17,564	77,659	1,168	7,705
1954.....	16,635	64,284	16,191	61,856	444	2,428
Omaha:						
1958.....	33,047	160,885	32,416	156,222	631	4,663
1954.....	32,729	130,239	30,586	121,924	2,143	8,315
Orlando:						
1958.....	10,800	55,775	10,278	52,782	522	2,993
1954.....	4,736	16,570	4,543	15,474	193	1,096
Paterson-Clifton-Passaic:						
1958.....	158,831	798,041	156,330	782,225	2,501	15,816
1954.....	157,169	674,303	155,128	663,530	2,041	10,773
Peoria:						
1958.....	37,051	195,821	32,318	168,125	4,733	27,696
1954.....	40,952	184,771	37,778	167,347	3,174	17,424
Pensacola:						
1958.....	12,595	59,256	11,867	52,598	728	6,658
1954.....	8,115	28,593	8,066	28,299	49	294
Philadelphia:						
1958.....	537,811	2,743,834	515,172	2,573,486	22,639	170,348
1954.....	563,806	2,401,449	547,042	2,291,639	16,764	109,810

See footnotes at end of table.

GENERAL SUMMARY

1-37

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Phoenix:						
1958.....	26,131	143,014	25,850	141,123	281	18,915
1954.....	15,837	67,254	15,717	66,438	120	816
Pittsburgh:						
1958.....	303,670	1,784,074	269,888	1,523,779	33,782	260,295
1954.....	331,568	1,557,825	303,620	1,365,174	27,948	192,651
Pittsfield:						
1958.....	14,230	34,090	14,044	82,725	186	1,241
1954.....	15,625	72,419	15,499	71,520	126	899
Portland, Maine:						
1958.....	12,549	54,434	12,444	53,453	105	981
1954.....	13,161	45,884	13,125	45,626	36	258
Portland, Oregon:						
1958.....	58,334	296,179	57,037	288,400	1,297	7,779
1954.....	57,453	244,096	56,729	239,997	724	4,099
Providence:						
1958.....	126,514	507,888	125,419	500,349	1,095	7,539
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
Pueblo:						
1958.....	9,694	60,548	9,482	59,217	212	1,331
1954.....	8,675	36,199	8,675	36,199	...	...
Racine:						
1958.....	21,273	113,319	20,354	107,685	919	5,634
1954.....	22,695	103,984	22,024	99,999	671	3,985
Raleigh:						
1958.....	7,256	24,956	7,095	24,065	161	891
1954.....	6,122	17,156	6,041	17,009	81	147
Reading:						
1958.....	48,205	192,723	48,135	192,121	70	602
1954.....	49,436	169,157	49,130	167,369	306	1,788
Richmond:						
1958.....	41,896	191,856	37,909	167,104	3,987	24,752
1954.....	37,546	136,017	36,250	128,569	1,296	7,448
Roanoke:						
1958.....	14,337	57,262	14,262	56,752	75	510
1954.....	12,759	42,746	12,732	42,593	27	153
Rochester:						
1958.....	104,215	588,731	100,876	559,800	3,339	28,931
1954.....	114,555	529,322	111,385	508,033	3,170	21,289
Rockford:						
1958.....	39,301	205,871	39,297	205,859	4	12
1954.....	38,194	177,568	38,194	177,568	...	...
Sacramento:						
1958.....	20,610	125,976	20,582	125,839	28	137
1954.....	10,920	46,875	10,907	46,787	13	88
Saginaw:						
1958.....	21,201	120,723	21,201	120,723	...	...
1954.....	26,625	124,462	26,625	124,462	...	...
St. Joseph:						
1958.....	11,019	50,853	11,014	50,827	5	26
1954.....	11,268	42,791	11,207	42,574	61	217
St. Louis:						
1958.....	257,057	1,336,593	243,573	1,242,469	13,484	94,124
1954.....	266,871	1,145,354	255,525	1,079,972	11,346	65,382
Salt Lake City:						
1958.....	20,630	92,637	19,285	88,345	745	4,292
1954.....	15,511	62,362	15,110	60,156	401	2,206
San Angelo:						
1958.....	2,166	6,900	2,166	6,900	...	...
1954.....	1,865	4,741	1,865	4,741	...	...
San Antonio:						
1958.....	19,991	72,844	19,966	72,661	25	183
1954.....	17,935	54,630	17,894	54,372	41	258

See footnotes at end of table.

GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
San Bernardino-Riverside-Ontario:						
1958.....	29,216	156,682	29,165	156,325	51	357
1954.....	23,859	101,641	23,815	101,401	44	240
San Diego:						
1958.....	71,383	447,822	70,867	442,962	516	4,860
1954.....	48,137	224,969	47,731	221,656	406	3,313
San Francisco-Oakland:						
1958.....	191,452	1,085,477	177,953	980,261	13,499	105,216
1954.....	186,206	881,312	173,135	793,165	13,071	88,147
San Jose:						
1958.....	53,921	340,494	51,377	322,743	2,544	17,751
1954.....	28,434	118,868	27,942	116,213	492	2,655
Santa Barbara:						
1958.....	3,949	19,250	3,808	17,720	141	1,530
1954.....	1,928	7,762	1,928	7,762	...	...
Savannah:						
1958.....	14,590	63,762	14,582	63,729	8	33
1954.....	13,323	47,275	13,323	47,275	...	...
Scranton:						
1958.....	27,371	94,980	27,307	94,758	64	222
1954.....	31,496	94,406	31,478	94,351	18	55
Seattle:						
1958.....	114,884	659,723	114,290	655,437	594	4,286
1954.....	88,189	394,965	87,726	392,260	463	2,705
Shreveport:						
1958.....	9,112	40,838	9,024	40,223	88	615
1954.....	8,092	28,922	8,037	28,592	55	330
Sioux City:						
1958.....	8,231	38,386	8,231	38,386	...	...
1954.....	9,421	36,739	9,401	36,651	20	88
Sioux Falls:						
1958.....	6,085	29,057	6,085	29,057	...	...
1954.....	5,402	21,656	5,402	21,656	...	...
South Bend:						
1958.....	34,609	194,938	34,576	194,705	33	233
1954.....	43,622	201,674	43,622	201,674	...	...
Spokane:						
1958.....	12,776	70,110	12,759	70,020	17	90
1954.....	13,729	60,172	13,674	59,851	55	321
Springfield, Illinois:						
1958.....	11,195	56,346	11,195	56,346	...	...
1954.....	12,819	53,285	12,816	53,256	3	29
Springfield, Missouri:						
1958.....	8,618	33,359	8,618	33,359	...	...
1954.....	6,695	20,775	6,682	20,697	13	78
Springfield, Ohio:						
1958.....	13,067	69,564	13,065	69,548	2	16
1954.....	16,823	70,435	16,823	70,435	...	...
Springfield-Holyoke:						
1958.....	71,356	341,876	69,617	329,284	1,739	12,592
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
Stamford:						
1958.....	19,040	103,246	16,557	88,616	2,483	14,630
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
Steubenville-Weirton:						
1958.....	29,894	173,419	29,273	167,954	621	5,465
1954.....	32,581	143,829	31,853	139,422	728	4,407
Stockton:						
1958.....	12,667	61,314	12,667	61,314	...	...
1954.....	11,145	45,631	11,033	45,205	112	426
Syracuse:						
1958.....	69,578	366,824	6,647	349,831	2,981	16,993
1954.....	70,327	295,891	67,697	282,164	2,630	13,727

See footnotes at end of table.

GENERAL SUMMARY

1-39

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Tacoma:						
1958.....	16,648	82,716	15,697	76,773	951	5,943
1954.....	17,534	77,270	17,052	72,643	482	4,627
Tampa-St. Petersburg:						
1958.....	32,219	121,922	31,482	117,423	737	4,499
1954.....	22,907	70,924	22,873	70,750	34	174
Terre Haute:						
1958.....	9,832	45,988	9,781	45,737	51	251
1954.....	10,455	40,821	10,419	40,677	36	144
Toledo:						
1958.....	58,317	338,214	54,114	304,199	4,203	34,015
1954.....	62,735	307,716	59,315	285,308	3,420	22,408
Topeka:						
1958.....	6,185	30,464	6,002	29,642	183	822
1954.....	6,174	24,060	6,010	23,711	164	349
Trenton:						
1958.....	36,357	183,938	35,077	173,198	1,280	10,740
1954.....	39,517	165,971	38,289	157,238	1,228	8,733
Tucson:						
1958.....	8,152	44,862	8,102	44,552	50	310
1954.....	4,548	20,134	4,548	20,134	...	...
Tulsa:						
1958.....	33,632	175,301	30,312	155,882	3,320	19,419
1954.....	32,341	139,712	30,846	131,442	1,495	8,270
Utica-Rome:						
1958.....	40,556	194,824	40,251	192,756	305	8,068
1954.....	43,125	169,169	42,941	168,193	184	976
Waco:						
1958.....	8,857	36,524	8,723	35,806	134	718
1954.....	7,846	27,257	7,715	26,521	131	736
Washington, D. C.:						
1958.....	35,020	179,591	34,046	172,108	974	7,483
1954.....	30,715	133,465	30,373	131,088	342	2,377
Waterbury:						
1958.....	37,304	189,661	36,457	183,054	847	6,607
1954.....	43,029	184,443	42,186	179,067	843	5,376
Waterloo:						
1958.....	18,027	97,522	18,023	97,506	4	16
1954.....	16,656	72,951	16,652	72,904	4	47
West Palm Beach:						
1958.....	4,621	25,105	3,420	14,372	1,201	10,733
1954.....	(NA)	(NA)	2,080	6,891	(NA)	(NA)
Wheeling:						
1958.....	17,240	86,025	16,334	78,812	906	7,213
1954.....	18,787	72,068	17,834	66,263	953	5,805
Wichita:						
1958.....	52,616	280,112	52,102	277,622	514	2,490
1954.....	53,260	237,765	53,190	237,206	70	559
Wichita Falls:						
1958.....	3,293	13,541	3,249	13,313	44	228
1954.....	3,026	11,073	3,015	11,012	11	61
Wilkes-Barre-Hazleton:						
1958.....	38,675	122,790	38,542	122,309	133	481
1954.....	36,980	97,764	36,902	97,448	78	316
Wilmington:						
1958.....	56,506	371,995	39,178	216,228	17,328	155,767
1954.....	53,089	287,695	37,919	170,700	15,170	116,995
Winston-Salem:						
1958.....	35,791	152,330	33,336	134,937	2,455	17,393
1954.....	31,771	107,369	29,930	96,515	1,841	10,854

See footnotes at end of table.

GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ²	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ³ —Continued						
Worcester:						
1958.....	50,862	241,010	50,817	240,626	45	384
1954.....	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
York:						
1958.....	41,296	168,009	41,213	167,590	83	419
1954.....	45,275	161,621	45,275	161,621	...	...
Youngstown:						
1958.....	76,437	427,332	75,691	421,309	746	6,023
1954.....	86,780	394,416	86,255	391,134	525	3,282

NA Not available.

¹The 1958 and 1954 data for central administrative offices and auxiliaries are not strictly comparable for the following reasons: (1) better total coverage was achieved in the 1958 Census in identifying and obtaining separate establishment reports for such activities; (2) the individual 1954 major industry group totals reflect the former Standard Industrial Classification system (of 1945) used in the 1954 Census, while the 1958 figures reflect the revised SIC system (of 1957) used in classifying such establishments.

²In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishments of a company. A separate report was usually obtained for each central office or auxiliary unit if it was located at a different location from the manufacturing establishment(s) served or if it serviced 2 or more manufacturing establishments and was not operated as an integral part of the establishment as the same location.

³The definitions of the standard metropolitan statistical areas are shown on pages 41-43.

⁴Comparable data for 1954 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1954 Census of Manufactures Area Statistics, Volume III, for statistics for the area as defined at that time.

⁵This area was first defined as a standard metropolitan statistical area in 1958. Therefore, 1954 data are not available.

STANDARD METROPOLITAN STATISTICAL AREAS

(Area titles and definitions of the two Standard Consolidated Areas and the 189 Standard Metropolitan Statistical Areas in the continental United States and in Hawaii, established by the Bureau of the Budget as of June 30, 1959)

Chicago, Ill.-Northwestern Indiana Standard Consolidated Area.....	Consists of Chicago, Ill., and Gary-Hammond-East Chicago, Ind., Standard Metropolitan Statistical Areas
New York, N. Y.-Northeastern New Jersey Standard Consolidated Area	Consists of the following Standard Metropolitan Statistical Areas: New York, N. Y.; Newark, N. J.; Jersey City, N. J.; Paterson-Clifton-Passaic, N. J.; and of Middlesex and Somerset Counties, N. J.
Akron, Ohio.....	Coextensive with Summit County, Ohio
Albany-Schenectady-Troy, N. Y.....	Consists of Albany, Rensselaer, Saratoga, and Schenectady Counties, N. Y.
Albuquerque, N. Mex	Coextensive with Bernalillo County, N. Mex.
Allentown-Bethlehem-Easton, Pa.-N. J....	Consists of Lehigh and Northampton Counties, Pa., and Warren County, N. J.
Altoona, Pa	Coextensive with Blair County, Pa.
Amarillo, Tex.....	Consists of Potter and Randall Counties, Tex.
Anderson, Ind.....	Coextensive with Madison County, Ind.
Ann Arbor, Mich	Coextensive with Washtenaw County, Mich.
Asheville, N. C	Coextensive with Buncombe County, N. C.
Atlanta, Ga	Consists of Clayton, Cobb, De Kalb, Fulton, and Gwinnett Counties, Ga.
Atlantic City, N. J.....	Coextensive with Atlantic County, N. J.
Augusta, Ga.-S. C.....	Consists of Richmond County, Ga., and Aiken County, S. C.
Austin, Tex.....	Coextensive with Travis County, Tex.
Bakersfield, Calif	Coextensive with Kern County, Calif.
Baltimore, Md	Consists of Baltimore city and Anne Arundel, Baltimore, Carroll, and Howard Counties, Md.
Baton Rouge, La.....	Coextensive with East Baton Rouge Parish, La.
Bay City, Mich	Coextensive with Bay County, Mich.
Beaumont-Port Arthur, Tex	Consists of Jefferson and Orange Counties, Tex.
Binghamton, N. Y	Coextensive with Broome County, N. Y.
Birmingham, Ala	Coextensive with Jefferson County, Ala.
Boston, Mass	Consists of all of Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham, Lexington, Lincoln, Natick, North Reading, Reading, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem cities, and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy city, and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; and Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Mass.
Bridgeport, Conn.....	Consists of Bridgeport and Shelton cities, and Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; and Milford town in New Haven County, Conn.
Brockton, Mass	Consists of Brockton city, and Abington, Bridgewater, East Bridgewater, Hanson, West Bridgewater, and Whitman towns in Plymouth County; Avon and Stoughton towns in Norfolk County; and Easton town in Bristol County, Mass.
Buffalo, N. Y	Consists of Erie and Niagara Counties, N. Y.
Canton, Ohio	Coextensive with Stark County, Ohio
Cedar Rapids, Iowa	Coextensive with Linn County, Iowa
Champaign-Urbana, Ill	Coextensive with Champaign County, Ill.
Charleston, S. C	Coextensive with Charleston County, S. C.
Charleston, W. Va.....	Coextensive with Kanawha County, W. Va.
Charlotte, N. C	Coextensive with Mecklenburg County, N. C.
Chattanooga, Tenn.-Ga.....	Consists of Hamilton County, Tenn., and Walker County, Ga.
Chicago, Ill	Consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Ill.
Cincinnati, Ohio-Ky.....	Consists of Hamilton County, Ohio, and Campbell and Kenton Counties, Ky.
Cleveland, Ohio	Consists of Cuyahoga and Lake Counties, Ohio
Columbia, S. C	Consists of Lexington and Richland Counties, S. C.
Columbus, Ga.-Ala	Consists of Chattahoochee and Muscogee Counties, Ga., and Russell County, Ala.
Columbus, Ohio	Coextensive with Franklin County, Ohio
Corpus Christi, Tex	Coextensive with Nueces County, Tex.
Dallas, Tex	Consists of Collin, Dallas, Denton, and Ellis Counties, Tex.
Davenport-Rock Island-Moline, Iowa-Ill....	Consists of Scott County, Iowa, and Rock Island County, Ill.
Dayton, Ohio	Consists of Greene, Miami, and Montgomery Counties, Ohio
Decatur, Ill	Coextensive with Macon County, Ill.
Denver, Colo.....	Consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colo.
Des Moines, Iowa.....	Coextensive with Polk County, Iowa
Detroit, Mich	Consists of Macomb, Oakland, and Wayne Counties, Mich.
Dubuque, Iowa.....	Coextensive with Dubuque County, Iowa
Duluth-Superior, Minn.-Wis	Consists of St. Louis County, Minn., and Douglas County, Wis.
Durham, N. C	Coextensive with Durham County, N. C.
El Paso, Tex.....	Coextensive with El Paso County, Tex.
Erie, Pa.....	Coextensive with Erie County, Pa.
Evansville, Ind.-Ky.....	Consists of Vanderburgh County, Ind., and Henderson County, Ky.
Fall River, Mass.-R. I	Consists of Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; and Tiverton town in Newport County, R. I.
Fitchburg-Leominster, Mass	Consists of Fitchburg and Leominster cities, and Lunenburg town in Worcester County; and Shirley town in Middlesex County, Mass.

GENERAL SUMMARY

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Flint, Mich	Coextensive with Genesee County, Mich.
Fort Smith, Ark	Coextensive with Sebastian County, Ark.
Fort Wayne, Ind	Coextensive with Allen County, Ind.
Fort Worth, Tex	Consists of Johnson and Tarrant Counties, Tex.
Fresno, Calif	Coextensive with Fresno County, Calif.
Gadsden, Ala	Coextensive with Etowa County, Ala.
Galveston, Tex	Coextensive with Galveston County, Tex.
Gary-Hammond-East Chicago, Ind	Consists of Lake and Porter Counties, Ind.
Grand Rapids, Mich	Coextensive with Kent County, Mich.
Green Bay, Wis	Coextensive with Brown County, Wis.
Greensboro-High Point, N. C	Coextensive with Guilford County, N. C.
Greenville, S. C	Coextensive with Greenville County, S. C.
Hamilton-Middletown, Ohio	Coextensive with Butler County, Ohio
Harrisburg, Pa	Consists of Cumberland and Dauphin Counties, Pa.
Hartford, Conn	Consists of Hartford city, and Avon, Bloomfield, Canton, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Cromwell town in Middlesex County; and Vernon town in Tolland County, Conn.
Honolulu, Hawaii	Coextensive with Honolulu County, Hawaii
Houston, Tex	Coextensive with Harris County, Tex.
Huntington-Ashland, W. Va.-Ky.-Ohio	Consists of Cabell and Wayne Counties, W. Va.; Boyd County, Ky.; and Lawrence County, Ohio
Indianapolis, Ind	Coextensive with Marion County, Ind.
Jackson, Mich	Coextensive with Jackson County, Mich.
Jackson, Miss	Coextensive with Hinds County, Miss.
Jacksonville, Fla	Coextensive with Duval County, Fla.
Jersey City, N. J	Coextensive with Hudson County, N. J.
Johnstown, Pa	Consists of Cambria and Somerset Counties, Pa.
Kalamazoo, Mich	Coextensive with Kalamazoo County, Mich.
Kansas City, Mo.-Kans	Consists of Clay and Jackson Counties, Mo., and Johnson and Wyandotte Counties, Kans.
Kenosha, Wis	Coextensive with Kenosha County, Wis.
Knoxville, Tenn	Consists of Anderson, Blount, and Knox Counties, Tenn.
Lancaster, Pa	Coextensive with Lancaster County, Pa.
Lansing, Mich	Consists of Clinton, Eaton, and Ingham Counties, Mich.
Laredo, Tex	Coextensive with Webb County, Tex.
Lawrence-Haverhill, Mass.-N. H	Consists of Lawrence and Haverhill cities, and Andover, Groveland, Methuen, and North Andover towns in Essex County, Mass.; and Plaistow and Salem towns in Rockingham County, N. H.
Lewiston-Auburn, Maine	Consists of Auburn and Lewiston cities, and Lisbon town in Androscoggin County, Maine
Lexington, Ky	Coextensive with Fayette County, Ky.
Lima, Ohio	Coextensive with Allen County, Ohio
Lincoln, Nebr	Coextensive with Lancaster County, Nebr.
Little Rock-North Little Rock, Ark	Coextensive with Pulaski County, Ark.
Lorain-Elyria, Ohio	Coextensive with Lorain County, Ohio
Los Angeles-Long Beach, Calif	Consists of Los Angeles and Orange Counties, Calif.
Louisville, Ky.-Ind	Consists of Jefferson County, Ky., and Clark and Floyd Counties, Ind.
Lowell, Mass	Consists of Lowell city, and Billerica, Chelmsford, Dracut, Tewksbury, and Tyngsborough towns in Middlesex County, Mass.
Lubbock, Tex	Coextensive with Lubbock County, Tex.
Lynchburg, Va	Consists of Lynchburg city, and Amherst and Campbell Counties, Va.
Macon, Ga	Consists of Bibb and Houston Counties, Ga.
Madison, Wis	Coextensive with Dane County, Wis.
Manchester, N. H	Consists of Manchester city and Goffstown town in Hillsboro County, N. H.
Memphis, Tenn	Coextensive with Shelby County, Tenn.
Miami, Fla	Coextensive with Dade County, Fla.
Milwaukee, Wis	Consists of Milwaukee and Waukesha Counties, Wis.
Minneapolis-St. Paul, Minn	Consists of Anoka, Dakota, Hennepin, Ramsey, and Washington Counties, Minn.
Mobile, Ala	Coextensive with Mobile County, Ala.
Montgomery, Ala	Coextensive with Montgomery County, Ala.
Muncie, Ind	Coextensive with Delaware County, Ind.
Muskegon-Muskegon Heights, Mich	Coextensive with Muskegon County, Mich.
Nashville, Tenn	Coextensive with Davidson County, Tenn.
New Bedford, Mass	Consists of New Bedford city, and Acushnet, Dartmouth, and Fairhaven towns in Bristol County; and Marion and Mattapoisett towns in Plymouth County, Mass.
New Britain, Conn	Consists of New Britain city, and Berlin, Plainville, and Southington towns in Hartford County, Conn.
New Haven, Conn	Consists of New Haven city, and Branford, East Haven, Guilford, Hamden, North Haven, Orange, West Haven, and Woodbridge towns in New Haven County, Conn.
New Orleans, La	Consists of Jefferson, Orleans, and St. Bernard Parishes, La.
New York, N. Y	Consists of New York City, and Nassau, Rockland, Suffolk, and Westchester Counties, N. Y.
Newark, N. J	Consists of Essex, Morris, and Union Counties, N. J.
Newport News-Hampton, Va	Consists of Newport News and Hampton cities, and York County, Va.
Norfolk-Portsmouth, Va	Consists of Norfolk, South Norfolk, Portsmouth, and Virginia Beach cities, and Norfolk and Princess Anne Counties, Va.
Ogden, Utah	Coextensive with Weber County, Utah
Oklahoma City, Okla	Consists of Cleveland and Oklahoma Counties, Okla.
Omaha, Nebr.-Iowa	Consists of Douglas and Sarpy Counties, Nebr., and Pottawattamie County, Iowa
Orlando, Fla	Consists of Orange and Seminole Counties, Fla.
Paterson-Clifton-Passaic, N. J	Consists of Bergen and Passaic Counties, N. J.
Pensacola, Fla	Consists of Escambia and Santa Rosa Counties, Fla.
Peoria, Ill	Consists of Peoria and Tazewell Counties, Ill.
Philadelphia, Pa.-N. J	Consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa., and Burlington, Camden, and Gloucester Counties, N. J.
Phoenix, Ariz	Coextensive with Maricopa County, Ariz.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Pittsburgh, Pa	Consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pa.
Pittsfield, Mass	Consists of Pittsfield city, and Dalton, Lenox, and Lee towns in Berkshire County, Mass.
Portland, Maine	Consists of Portland, South Portland, and Westbrook cities, and Cape Elizabeth and Falmouth towns in Cumberland County, Maine
Portland, Oreg.-Wash	Consists of Clackamas, Multnomah, and Washington Counties, Oreg., and Clark County, Wash.
Providence, R. I.-Mass	Consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County, R. I.; Narraganset and North Kingstown towns in Washington County, R. I.; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County, R. I.; all of Bristol County, R. I.; and Jamestown town in Newport County, R. I. Also, Attleboro city, and North Attleboro and Seekonk towns in Bristol County, Mass.; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County, Mass.; and Blackstone and Millville towns in Worcester County, Mass.
Pueblo, Colo	Coextensive with Pueblo County, Colo.
Racine, Wis	Coextensive with Racine County, Wis.
Raleigh, N. C	Coextensive with Wake County, N. C.
Reading, Pa	Coextensive with Berks County, Pa.
Richmond, Va	Consists of Richmond city, and Chesterfield and Henrico Counties, Va.
Roanoke, Va	Consists of Roanoke city and Roanoke County, Va.
Rochester, N. Y	Coextensive with Monroe County, N. Y.
Rockford, Ill	Coextensive with Winnebago County, Ill.
Sacramento, Calif	Coextensive with Sacramento County, Calif.
Saginaw, Mich	Coextensive with Saginaw County, Mich.
St. Joseph, Mo	Coextensive with Buchanan County, Mo.
St. Louis, Mo.-Ill	Consists of St. Louis city, and Jefferson, St. Charles, and St. Louis Counties, Mo.; and Madison and St. Clair Counties, Ill.
Salt Lake City, Utah	Coextensive with Salt Lake County, Utah
San Angelo, Tex	Coextensive with Tom Green County, Tex.
San Antonio, Tex	Coextensive with Bexar County, Tex.
San Bernardino-Riverside-Ontario, Calif ..	Consists of Riverside and San Bernardino Counties, Calif.
San Diego, Calif	Coextensive with San Diego County, Calif.
San Francisco-Oakland, Calif	Consists of Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Solano Counties, Calif.
San Jose, Calif	Coextensive with Santa Clara County, Calif.
Santa Barbara, Calif	Coextensive with Santa Barbara County, Calif.
Savannah, Ga	Coextensive with Chatham County, Ga.
Scranton, Pa	Coextensive with Lackawanna County, Pa.
Seattle, Wash	Consists of King and Snohomish Counties, Wash.
Shreveport, La	Consists of Bossier and Caddo Parishes, La.
Sioux City, Iowa	Coextensive with Woodbury County, Iowa
Sioux Falls, S. Dak	Coextensive with Minnehaha County, S. Dak.
South Bend, Ind	Coextensive with St. Joseph County, Ind.
Spokane, Wash	Coextensive with Spokane County, Wash.
Springfield, Ill	Coextensive with Sangamon County, Ill.
Springfield, Mo	Coextensive with Greene County, Mo.
Springfield, Ohio	Coextensive with Clark County, Ohio
Springfield-Holyoke, Mass	Consists of Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Longmeadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Easthampton, Hadley, and South Hadley towns in Hampshire County; and Warren town in Worcester County, Mass.
Stamford, Conn	Consists of Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County, Conn.
Steubenville-Weirton, Ohio-W. Va	Consists of Jefferson County, Ohio, and Brooke and Hancock Counties, W. Va.
Stockton, Calif	Coextensive with San Joaquin County, Calif.
Syracuse, N. Y	Consists of Madison, Onondaga, and Oswego Counties, N. Y.
Tacoma, Wash	Coextensive with Pierce County, Wash.
Tampa-St. Petersburg, Fla	Consists of Hillsborough and Pinellas Counties, Fla.
Terre Haute, Ind	Coextensive with Vigo County, Ind.
Toledo, Ohio	Coextensive with Lucas County, Ohio
Topeka, Kans	Coextensive with Shawnee County, Kans.
Trenton, N. J	Coextensive with Mercer County, N. J.
Tucson, Ariz	Coextensive with Pima County, Ariz.
Tulsa, Okla	Consists of Creek and Tulsa Counties, Okla.
Utica-Rome, N. Y	Consists of Herkimer and Oneida Counties, N. Y.
Waco, Tex	Coextensive with McLennan County, Tex.
Washington, D. C.-Md.-Va	Consists of Washington, D. C.; Alexandria and Falls Church cities, and Arlington and Fairfax Counties, Va.; and Montgomery and Prince Georges Counties, Md.
Waterbury, Conn	Consists of Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott towns in New Haven County; and Thomaston and Watertown towns in Litchfield County, Conn.
Waterloo, Iowa	Coextensive with Black Hawk County, Iowa
West Palm Beach, Fla	Coextensive with Palm Beach County, Fla.
Wheeling, W. Va.-Ohio	Consists of Ohio and Marshall Counties, W. Va., and Belmont County, Ohio
Wichita, Kans	Coextensive with Sedgwick County, Kans.
Wichita Falls, Tex	Coextensive with Wichita County, Tex.
Wilkes-Barre-Hazleton, Pa	Coextensive with Luzerne County, Pa.
Wilmington, Del.-N. J	Consists of New Castle County, Del., and Salem County, N. J.
Winston-Salem, N. C	Coextensive with Forsyth County, N. C.
Worcester, Mass	Consists of Worcester City, and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Shrewsbury, Spencer, Sutton, Upton, Westborough, and West Boylston towns in Worcester County, Mass.
York, Pa	Coextensive with York County, Pa.
Youngstown, Ohio	Consists of Mahoning and Trumbull Counties, Ohio

GENERAL SUMMARY

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes				
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100		Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)					
United States:														
1958.....	298,182	95,061	15,393,766	73,749,749	11,644,213	22,632,571	49,503,844	141,270,297	9,075,759	xxx	98	xxx		
1954.....	286,814	90,470	15,645,491	62,962,664	12,372,002	24,334,082	44,590,545	117,032,326	7,816,752	xxx	100	xxx		
1947.....	240,807	(NA)	14,293,963	39,695,558	11,917,884	24,316,465	30,243,971	74,290,475	5,998,099	xxx	91	xxx		
1939.....	173,802	(NA)	9,527,306	12,706,102	7,808,205	(NA)	8,997,515	24,487,304	(NA)	xxx	61	xxx		
1929.....	206,663	(NA)	9,659,742	14,284,282	8,369,705	(NA)	10,884,919	30,591,435	(NA)	xxx	62	xxx		
1919.....	270,231	(NA)	9,836,801	12,426,902	8,464,916	(NA)	9,664,009	23,841,624	(NA)	xxx	63	xxx		
1909.....	264,810	(NA)	7,012,066	4,105,470	6,261,736	(NA)	3,205,213	8,160,075	(NA)	xxx	45	xxx		
1899.....	204,754	(NA)	4,850,019	2,258,654	4,501,919	(NA)	1,892,574	4,646,981	(NA)	xxx	31	xxx		
New England:														
1958.....	24,588	8,506	1,359,919	6,045,201	1,048,683	2,052,534	4,098,897	10,438,562	525,780	95	98	8.83		
1954.....	24,625	8,380	1,431,298	5,356,130	1,154,079	2,272,287	3,858,697	9,128,278	424,263	100	100	9.15		
1947.....	20,256	(NA)	1,475,162	3,940,122	1,248,839	(NA)	3,054,437	6,798,114	418,580	103	91	10.32		
1939.....	15,201	(NA)	1,121,152	1,402,144	947,412	(NA)	1,018,683	2,414,268	(NA)	78	61	11.77		
1929.....	18,272	(NA)	1,245,868	1,732,759	1,098,514	(NA)	1,346,391	3,239,798	(NA)	87	62	12.90		
1919.....	24,552	(NA)	1,509,093	1,765,285	1,347,531	(NA)	1,431,687	3,221,328	(NA)	105	63	15.34		
1909.....	25,351	(NA)	1,187,987	669,914	1,101,290	(NA)	557,630	1,193,767	(NA)	83	45	16.94		
1899.....	22,576	(NA)	897,305	421,070	851,903	(NA)	367,675	756,311	(NA)	63	31	18.50		
Maine:														
1958.....	2,733	579	97,690	373,155	83,670	166,222	285,216	638,325	43,597	94	98	0.63		
1954.....	3,015	627	104,025	322,158	91,092	180,691	260,047	565,260	58,935	100	100	0.66		
1947.....	1,633	(NA)	100,118	233,851	90,323	(NA)	199,085	429,540	(NA)	96	91	0.70		
1939.....	1,118	(NA)	82,184	83,479	74,040	(NA)	67,340	150,588	(NA)	79	61	0.86		
1929.....	1,568	(NA)	76,799	90,300	70,159	(NA)	74,200	174,385	(NA)	74	62	0.80		
1919.....	2,834	(NA)	96,082	111,203	88,251	(NA)	93,761	201,444	(NA)	92	63	0.98		
1909.....	3,546	(NA)	84,815	43,429	79,955	(NA)	37,632	78,928	(NA)	82	45	1.21		
1899.....	2,878	(NA)	73,017	28,781	69,914	(NA)	25,731	51,749	(NA)	70	31	1.51		
New Hampshire:														
1958.....	1,446	494	78,250	292,559	65,588	128,144	221,083	490,709	24,365	102	98	0.51		
1954.....	1,609	497	77,071	245,346	65,987	128,465	190,760	408,826	18,492	100	100	0.49		
1947.....	1,124	478	74,752	177,479	66,448	136,119	145,324	306,932	24,010	97	91	0.52		
1939.....	772	(NA)	61,224	65,154	55,434	(NA)	52,394	104,153	(NA)	79	61	0.64		
1929.....	1,075	(NA)	71,233	85,264	65,511	(NA)	70,514	147,132	(NA)	92	62	0.74		
1919.....	1,451	(NA)	88,726	92,330	82,917	(NA)	79,136	167,329	(NA)	115	63	0.90		
1909.....	1,961	(NA)	82,177	40,391	78,658	(NA)	36,200	66,424	(NA)	107	45	1.17		
1899.....	1,771	(NA)	69,714	28,049	67,646	(NA)	25,850	47,427	(NA)	90	31	1.44		
Vermont:														
1958.....	1,016	277	32,335	131,712	25,397	50,252	92,129	235,898	11,598	90	98	0.21		
1954.....	1,071	296	35,899	122,829	29,929	59,328	92,962	222,965	8,876	100	100	0.23		
1947.....	831	(NA)	34,886	83,050	30,252	(NA)	66,428	149,715	(NA)	97	91	0.24		
1939.....	659	(NA)	24,084	27,422	20,498	(NA)	19,940	49,741	(NA)	67	61	0.25		
1929.....	927	(NA)	30,540	41,946	27,421	(NA)	33,810	77,260	(NA)	85	62	0.32		
1919.....	1,702	(NA)	36,709	41,069	33,194	(NA)	33,758	71,788	(NA)	102	63	0.37		
1909.....	1,958	(NA)	36,467	20,075	33,788	(NA)	17,272	33,487	(NA)	102	45	0.52		
1899.....	1,938	(NA)	29,874	13,037	28,179	(NA)	11,427	25,130	(NA)	83	31	0.62		
Massachusetts:														
1958.....	11,409	4,377	658,433	2,926,898	498,612	969,581	1,933,380	5,130,211	221,501	97	98	4.28		
1954.....	11,205	4,229	677,140	2,528,296	536,456	1,047,412	1,769,102	4,356,462	180,698	100	100	4.33		
1947.....	10,509	(NA)	718,069	1,920,718	601,370	(NA)	1,463,144	3,356,311	(NA)	106	91	5.02		
1939.....	8,444	(NA)	549,550	702,487	458,372	(NA)	498,177	1,181,465	(NA)	81	61	5.77		
1929.....	9,872	(NA)	639,164	910,023	557,494	(NA)	694,805	1,710,729	(NA)	94	62	6.62		
1919.....	11,627	(NA)	801,260	947,768	712,254	(NA)	764,579	1,746,539	(NA)	118	63	8.15		
1909.....	11,684	(NA)	633,205	364,452	584,559	(NA)	301,173	659,764	(NA)	94	45	9.03		
1899.....	10,929	(NA)	463,490	224,758	438,234	(NA)	195,278	408,971	(NA)	68	31	9.56		
Rhode Island:														
1958.....	2,736	906	112,880	444,144	90,884	175,026	312,970	754,498	29,515	91	98	0.73		
1954.....	2,635	867	123,970	425,365	103,800	204,383	314,467	697,279	27,671	100	100	0.79		
1947.....	2,213	(NA)	147,382	375,676	128,579	(NA)	298,482	658,905	(NA)	119	91	1.03		
1939.....	1,399	(NA)	122,671	141,262	106,089	(NA)	105,216	237,698	(NA)	99	61	1.29		
1929.....	1,701	(NA)	140,116	182,899	126,068	(NA)	144,197	324,078	(NA)	113	62	1.45		
1919.....	2,367	(NA)	153,499	168,068	139,316	(NA)	137,105	330,590	(NA)	124	63	1.56		
1909.....	1,951	(NA)	120,920	65,811	113,538	(NA)	55,234	122,152	(NA)	98	45	1.72		
1899.....	1,678	(NA)	92,219	41,296	88,197	(NA)	35,995	77,599	(NA)	74	31	1.90		
Connecticut:														
1958.....	5,248	1,873	380,331	1,876,733	284,532	563,309	1,254,119	3,188,921	195,204	92	98	2.47		
1954.....	5,090	1,864	413,193	1,712,136	326,815	652,008	1,231,359	2,877,486	129,591	100	100	2.64		
1947.....	3,946	(NA)	399,955	1,149,348	331,867	(NA)	881,974	1,896,711	(NA)	97	91	2.80		
1939.....	2,809	(NA)	281,439	382,340	232,979	(NA)	275,616	690,323	(NA)	68	61	2.95		
1929.....	3,129	(NA)	288,016	422,345	251,861	(NA)	328,865	806,214	(NA)	70	62	2.98		
1919.....	4,571	(NA)	332,817	404,847	291,599	(NA)	323,348	703,638	(NA)	81	63	3.38		
1909.....	4,251	(NA)	230,403	135,756	210,792	(NA)	110,119	233,012	(NA)	56	45	3.29		
1899.....	3,382	(NA)	168,991	85,149	159,733	(NA)	73,394	145,435	(NA)	41	31	3.48		

See footnotes at end of table.

GENERAL SUMMARY

1-45

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100		Division, State, or SMSA	as a percent of the United States
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
Middle Atlantic:													
1958.....	81,569	27,730	3,881,843	18,679,014	2,901,540	5,548,703	12,285,361	34,838,745	1,907,666	95	98	25.22	
1954.....	82,380	27,535	4,105,248	16,656,158	3,212,477	6,217,338	11,524,924	30,402,665	1,551,088	100	100	26.24	
1947.....	75,341	(NA)	3,953,870	11,419,701	3,248,732	(NA)	8,524,628	20,767,991	1,335,235	96	91	27.66	
1939.....	52,226	(NA)	2,757,909	3,859,853	2,234,295	(NA)	2,668,489	7,308,780	(NA)	67	61	28.95	
1929.....	64,730	(NA)	3,002,843	4,853,031	2,562,340	(NA)	3,640,419	10,175,956	(NA)	73	62	31.09	
1919.....	85,509	(NA)	3,348,567	4,463,569	2,859,604	(NA)	3,447,834	8,399,615	(NA)	82	63	34.04	
1909.....	81,315	(NA)	2,491,161	1,527,833	2,207,747	(NA)	1,182,568	2,982,264	(NA)	61	45	35.53	
1899.....	65,834	(NA)	1,732,170	871,309	1,604,844	(NA)	729,366	1,763,315	(NA)	42	31	35.71	
New York:													
1958.....	48,523	15,000	1,782,380	8,573,246	1,303,126	2,487,134	5,423,559	15,891,767	676,852	94	98	11.58	
1954.....	50,402	15,156	1,895,982	7,734,388	1,470,137	2,842,598	5,231,858	14,140,524	572,125	100	100	12.11	
1947.....	47,782	(NA)	1,773,138	5,277,656	1,425,033	(NA)	3,821,492	9,655,859	(NA)	94	91	12.40	
1939.....	32,672	(NA)	1,211,010	1,749,676	949,362	(NA)	1,151,820	3,313,649	(NA)	64	61	12.71	
1929.....	39,395	(NA)	1,331,357	2,294,882	1,105,966	(NA)	1,650,379	4,973,920	(NA)	70	62	13.78	
1919.....	48,331	(NA)	1,467,443	1,961,398	1,221,933	(NA)	1,450,119	3,908,864	(NA)	77	63	14.92	
1909.....	44,935	(NA)	1,155,672	743,263	1,003,981	(NA)	557,231	1,512,586	(NA)	61	45	16.48	
1899.....	35,957	(NA)	794,939	414,064	726,909	(NA)	337,324	853,454	(NA)	42	31	16.39	
New Jersey:													
1958.....	14,009	4,995	761,916	3,822,892	564,227	1,100,953	2,508,089	7,499,367	432,395	97	98	4.95	
1954.....	13,183	4,748	787,593	3,352,425	605,099	1,187,747	2,280,134	6,331,655	359,816	100	100	5.03	
1947.....	10,765	(NA)	739,035	2,216,874	602,304	(NA)	1,645,489	4,186,077	(NA)	94	91	5.17	
1939.....	7,438	(NA)	531,126	753,941	431,562	(NA)	519,087	1,518,269	(NA)	67	61	5.57	
1929.....	8,388	(NA)	516,576	808,862	442,328	(NA)	610,596	1,771,430	(NA)	66	62	5.35	
1919.....	10,564	(NA)	590,920	769,258	507,059	(NA)	598,514	1,397,775	(NA)	75	63	6.01	
1909.....	8,817	(NA)	363,061	218,046	326,223	(NA)	169,710	425,496	(NA)	46	45	5.18	
1899.....	6,415	(NA)	229,336	114,223	213,975	(NA)	95,165	218,280	(NA)	29	31	4.73	
Pennsylvania:													
1958.....	19,037	7,735	1,337,547	6,282,876	1,034,187	1,960,616	4,353,713	11,447,611	798,419	94	98	8.69	
1954.....	18,795	7,631	1,421,673	5,569,345	1,137,241	2,186,993	4,012,932	9,930,486	619,147	100	100	9.08	
1947.....	16,794	(NA)	1,441,697	3,925,171	1,221,395	(NA)	3,057,647	6,926,055	(NA)	101	91	10.09	
1939.....	13,116	(NA)	1,015,773	1,356,236	853,371	(NA)	997,582	2,476,862	(NA)	71	61	10.66	
1929.....	16,947	(NA)	1,154,910	1,749,287	1,014,046	(NA)	1,379,444	3,430,606	(NA)	81	62	11.96	
1919.....	26,614	(NA)	1,290,204	1,732,913	1,130,612	(NA)	1,399,201	3,092,976	(NA)	91	63	13.12	
1909.....	27,563	(NA)	972,428	566,524	877,543	(NA)	455,627	1,044,182	(NA)	68	45	13.87	
1899.....	23,462	(NA)	707,895	343,022	663,960	(NA)	296,877	691,581	(NA)	50	31	14.60	
East North Central:													
1958.....	60,808	20,885	4,084,360	21,678,590	3,028,034	5,924,355	14,541,759	40,937,847	2,607,758	92	98	26.53	
1954.....	58,945	20,494	4,458,019	19,992,316	5,488,705	6,957,213	14,259,174	36,482,313	2,653,889	100	100	28.50	
1947.....	50,569	(NA)	4,322,812	13,019,237	3,567,725	(NA)	9,940,544	23,474,185	1,863,548	97	91	30.24	
1939.....	38,013	(NA)	2,692,815	4,092,078	2,180,600	(NA)	2,932,440	7,444,406	(NA)	60	61	28.26	
1929.....	46,396	(NA)	2,949,356	4,841,271	2,542,176	(NA)	3,738,803	9,973,491	(NA)	66	62	30.53	
1919.....	58,717	(NA)	2,824,606	3,849,389	2,387,477	(NA)	2,981,205	7,093,838	(NA)	63	63	28.71	
1909.....	60,013	(NA)	1,729,537	1,077,660	1,513,764	(NA)	827,153	2,177,230	(NA)	39	45	24.67	
1899.....	50,521	(NA)	1,176,672	574,539	1,073,322	(NA)	473,040	1,205,478	(NA)	26	31	24.26	
Ohio:													
1958.....	14,931	5,534	1,162,276	6,229,228	856,457	1,658,255	4,170,233	11,472,503	784,644	92	98	7.55	
1954.....	14,549	5,478	1,265,606	5,643,946	985,222	1,945,816	4,012,194	10,145,323	760,913	100	100	8.09	
1947.....	12,302	(NA)	1,194,263	3,559,540	988,110	(NA)	2,726,991	6,357,957	(NA)	94	91	8.36	
1939.....	9,543	(NA)	731,742	1,120,831	595,520	(NA)	809,399	2,116,434	(NA)	58	61	7.68	
1929.....	11,855	(NA)	853,385	1,404,180	741,143	(NA)	1,102,166	2,889,804	(NA)	67	62	8.83	
1919.....	15,585	(NA)	867,255	1,214,552	728,303	(NA)	941,340	2,182,610	(NA)	68	63	8.82	
1909.....	15,138	(NA)	508,285	317,597	446,934	(NA)	245,450	613,734	(NA)	40	45	7.25	
1899.....	13,868	(NA)	336,218	164,579	308,109	(NA)	136,428	339,368	(NA)	27	31	6.93	
Indiana:													
1958.....	6,555	2,444	544,347	2,826,593	407,496	795,956	1,912,847	5,478,123	490,203	98	98	3.54	
1954.....	6,355	2,344	583,821	2,507,314	458,894	904,092	1,798,844	4,631,972	301,479	100	100	3.73	
1947.....	5,403	(NA)	548,260	1,582,837	457,544	(NA)	1,232,189	2,969,961	(NA)	94	91	3.84	
1939.....	4,192	(NA)	337,869	474,099	275,272	(NA)	342,652	964,746	(NA)	58	61	3.55	
1929.....	5,091	(NA)	359,888	534,186	314,698	(NA)	418,771	1,136,463	(NA)	62	62	3.73	
1919.....	7,558	(NA)	332,362	400,942	276,695	(NA)	315,976	721,736	(NA)	57	63	3.38	
1909.....	7,969	(NA)	210,589	121,816	186,984	(NA)	95,511	244,700	(NA)	36	45	3.00	
1899.....	7,128	(NA)	149,464	69,251	139,017	(NA)	59,280	141,909	(NA)	26	31	3.08	
Illinois:													
1958.....	18,100	6,586	1,139,412	5,864,600	835,233	1,631,757	3,833,476	11,664,070	697,273	97	98	7.40	
1954.....	17,628	6,377	1,177,043	5,134,917	902,967	1,787,663	3,518,602	9,663,848	551,669	100	100	7.52	
1947.....	15,993	(NA)	1,186,134	3,589,364	955,057	(NA)	2,628,615	6,683,083	(NA)	101	91	8.30	
1939.....	11,983	(NA)	752,728	1,107,625	590,995	(NA)	742,451	2,187,240	(NA)	64	61	7.90	
1929.....	15,333	(NA)	827,507	1,393,592	691,555	(NA)	1,024,870	2,930,038	(NA)	70	62	8.57	
1919.....	17,808	(NA)	785,859	1,070,992	649,994	(NA)	797,081	1,929,125	(NA)	67	63	8.00	
1909.....	18,026	(NA)	543,687	364,758	465,764	(NA)	273,319	758,350	(NA)	46	45	7.75	
1899.....	14,374	(NA)	373,835	199,653	332,871	(NA)	159,104	439,418	(NA)	32	31	7.71	

See footnotes at end of table.

(For explanation of column captions see Introduction)

See footnotes at end of table.

GENERAL SUMMARY

1-47

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)			Index of em- ployment change 1954=100	Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
West North Central—Con. Nebraska:													
1958.....	1,536	412	57,709	258,991	42,902	86,972	174,196	536,317	49,906	101	98	0.37	
1954.....	1,423	378	56,996	213,732	43,431	90,351	150,728	394,222	36,414	100	100	0.36	
1947.....	1,341	(NA)	47,014	119,884	37,325	(NA)	87,400	260,598	(NA)	82	91	0.33	
1939.....	1,093	(NA)	26,183	34,138	18,416	(NA)	20,175	68,139	(NA)	46	61	0.27	
1929.....	1,491	(NA)	34,752	51,347	28,212	(NA)	36,881	119,994	(NA)	61	62	0.36	
1919.....	2,385	(NA)	44,924	60,138	35,387	(NA)	44,513	112,646	(NA)	79	63	0.46	
1909.....	2,500	(NA)	29,444	19,439	24,336	(NA)	13,948	47,938	(NA)	52	45	0.42	
1899.....	1,695	(NA)	20,965	10,950	18,669	(NA)	8,842	34,377	(NA)	37	31	0.43	
Kansas:													
1958.....	2,287	643	117,964	586,573	86,641	173,943	403,704	1,171,017	77,871	90	98	0.77	
1954.....	2,139	572	131,017	558,457	98,187	203,102	400,619	1,049,291	53,017	100	100	0.84	
1947.....	1,946	(NA)	74,634	204,840	59,370	(NA)	151,299	461,110	(NA)	57	91	0.52	
1939.....	1,418	(NA)	42,564	56,412	30,935	(NA)	36,088	117,391	(NA)	32	61	0.45	
1929.....	1,916	(NA)	57,341	85,210	47,373	(NA)	63,348	205,367	(NA)	44	62	0.59	
1919.....	3,149	(NA)	72,479	93,581	60,179	(NA)	71,888	161,566	(NA)	55	63	0.74	
1909.....	3,435	(NA)	51,078	33,255	44,215	(NA)	25,904	66,220	(NA)	39	45	0.73	
1899.....	2,299	(NA)	30,731	15,925	27,119	(NA)	12,802	33,271	(NA)	23	31	0.63	
South Atlantic:													
1958.....	33,079	10,536	1,844,724	6,943,670	1,498,632	2,895,300	4,975,762	14,291,519	988,782	106	98	11.98	
1954.....	30,530	9,424	1,745,368	5,480,898	1,466,329	2,847,753	4,072,165	10,657,727	789,320	100	100	11.16	
1947.....	24,000	(NA)	1,523,890	3,371,438	1,344,836	(NA)	2,710,001	6,941,906	677,651	87	91	10.66	
1939.....	16,657	(NA)	1,110,704	1,073,672	977,596	(NA)	818,075	2,216,976	(NA)	64	61	11.66	
1929.....	20,860	(NA)	999,995	1,035,670	912,247	(NA)	825,903	2,458,223	(NA)	57	62	10.35	
1919.....	28,682	(NA)	896,592	940,127	812,122	(NA)	771,839	1,846,999	(NA)	51	63	9.11	
1909.....	28,088	(NA)	715,047	301,652	663,015	(NA)	244,379	591,182	(NA)	41	45	10.20	
1899.....	19,324	(NA)	482,712	153,274	458,344	(NA)	130,864	316,115	(NA)	28	31	9.95	
Delaware:													
1958.....	547	222	40,491	191,783	29,966	57,283	125,244	419,831	27,311	103	98	0.26	
1954.....	556	209	39,418	151,269	30,988	60,451	104,882	353,083	23,375	100	100	0.25	
1947.....	483	(NA)	34,738	92,858	29,275	(NA)	70,578	183,073	(NA)	88	91	0.24	
1939.....	416	(NA)	23,360	29,114	19,825	(NA)	21,163	54,085	(NA)	59	61	0.25	
1929.....	460	(NA)	26,556	37,407	23,552	(NA)	29,063	69,151	(NA)	67	62	0.27	
1919.....	653	(NA)	33,231	44,914	28,994	(NA)	37,214	79,547	(NA)	84	63	0.34	
1909.....	726	(NA)	23,262	12,618	21,238	(NA)	10,296	21,902	(NA)	59	45	0.33	
1899.....	633	(NA)	21,751	9,794	20,562	(NA)	8,457	16,596	(NA)	55	31	0.45	
Maryland:													
1958.....	3,435	1,334	256,897	1,241,823	190,472	368,548	813,332	2,379,414	120,899	101	98	1.67	
1954.....	3,253	1,279	253,144	987,559	195,916	384,180	675,056	1,888,585	93,908	100	100	1.62	
1947.....	2,826	(NA)	228,655	612,296	188,696	(NA)	458,282	1,139,240	(NA)	90	91	1.60	
1939.....	2,712	(NA)	166,091	209,193	140,930	(NA)	155,938	420,589	(NA)	66	61	1.74	
1929.....	3,231	(NA)	150,906	195,013	131,099	(NA)	148,835	422,097	(NA)	60	62	1.56	
1919.....	4,725	(NA)	159,362	188,223	139,241	(NA)	146,578	322,092	(NA)	63	63	1.62	
1909.....	4,837	(NA)	120,113	59,053	107,921	(NA)	45,436	116,620	(NA)	47	45	1.71	
1899.....	3,886	(NA)	100,911	39,260	94,170	(NA)	32,414	81,722	(NA)	40	31	2.08	
District of Columbia:													
1958.....	507	142	20,818	109,653	11,176	21,270	52,800	198,089	14,732	102	98	0.14	
1954.....	484	148	20,399	90,083	11,821	22,390	44,743	157,213	6,536	100	100	0.13	
1947.....	428	156	17,815	55,872	10,007	21,268	27,691	99,067	4,502	87	91	0.12	
1939.....	452	(NA)	14,377	24,920	7,676	(NA)	11,505	43,367	(NA)	70	61	0.15	
1929.....	547	(NA)	14,002	25,449	9,752	(NA)	15,513	52,773	(NA)	69	62	0.14	
1919.....	568	(NA)	13,327	18,537	10,268	(NA)	12,960	37,404	(NA)	65	63	0.14	
1909.....	518	(NA)	9,283	6,835	7,707	(NA)	4,989	15,043	(NA)	46	45	0.13	
1899.....	491	(NA)	7,112	3,895	6,155	(NA)	3,023	8,951	(NA)	35	31	0.15	
Virginia:													
1958.....	4,414	1,381	251,909	948,960	204,357	397,567	686,814	2,122,652	141,641	105	98	1.64	
1954.....	4,398	1,290	239,733	760,454	202,654	394,735	576,844	1,629,041	109,887	100	100	1.53	
1947.....	3,643	(NA)	216,507	483,575	189,942	(NA)	384,293	1,050,623	(NA)	90	91	1.51	
1939.....	2,494	(NA)	150,202	150,359	132,089	(NA)	113,848	376,259	(NA)	63	61	1.58	
1929.....	3,287	(NA)	131,586	147,352	120,273	(NA)	118,089	380,086	(NA)	55	62	1.36	
1919.....	5,487	(NA)	132,842	145,423	118,976	(NA)	119,583	271,131	(NA)	55	63	1.35	
1909.....	5,867	(NA)	114,227	47,256	105,676	(NA)	38,155	94,211	(NA)	48	45	1.63	
1899.....	3,186	(NA)	70,051	23,903	66,223	(NA)	20,274	49,285	(NA)	29	31	1.44	
West Virginia:													
1958.....	1,899	519	114,431	560,136	90,390	173,129	411,007	1,214,775	167,199	97	98	0.74	
1954.....	2,027	517	118,568	472,560	97,322	185,651	354,666	988,274	98,883	100	100	0.76	
1947.....	1,602	558	127,354	337,869	108,985	215,639	268,469	663,903	82,332	107	91	0.89	
1939.....	1,094	(NA)	87,741	113,660	74,411	(NA)	87,760	213,284	(NA)	74	61	0.92	
1929.....	1,488	(NA)	93,565	136,291	85,326	(NA)	115,295	251,615	(NA)	79	62	0.97	
1919.....	2,627	(NA)	90,651	118,898	82,615	(NA)	101,310	199,568	(NA)	76	63	0.92	
1909.....	2,586	(NA)	68,864	38,710	63,893	(NA)	33,000	69,072	(NA)	58	45	0.98	
1899.....	1,824	(NA)	34,824	14,519	33,080	(NA)	12,640	29,779	(NA)	29	31	0.72	

See footnotes at end of table.

GENERAL SUMMARY

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	
											Division, State, or SMSA	United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
South Atlantic—Con.												
North Carolina:												
1958.....	7,289	2,629	455,467	1,445,574	392,147	747,876	1,111,075	3,083,448	168,612	106	98	2.96
1954.....	6,645	2,369	430,001	1,157,416	380,089	719,429	915,683	2,210,463	129,622	100	100	2.75
1947.....	5,321	(NA)	381,438	758,757	350,177	(NA)	641,917	1,646,030	(NA)	89	91	2.67
1939.....	3,158	(NA)	293,258	245,879	269,238	(NA)	198,519	544,181	(NA)	68	61	3.08
1929.....	3,797	(NA)	226,425	198,810	209,826	(NA)	160,868	693,013	(NA)	53	62	2.34
1919.....	5,690	(NA)	167,848	148,361	156,376	(NA)	124,978	413,707	(NA)	39	63	1.71
1909.....	4,931	(NA)	128,002	41,259	121,473	(NA)	34,355	94,795	(NA)	30	45	1.83
1899.....	3,465	(NA)	75,216	16,447	72,322	(NA)	14,052	40,420	(NA)	17	31	1.55
South Carolina:												
1958.....	2,888	939	224,549	726,644	193,936	381,540	565,014	1,360,135	75,159	102	98	1.46
1954.....	2,720	834	219,447	632,709	190,119	378,931	486,960	1,040,936	59,629	100	100	1.40
1947.....	2,135	(NA)	188,760	377,105	175,889	(NA)	330,670	793,915	(NA)	86	91	1.32
1939.....	1,300	(NA)	136,094	103,171	126,408	(NA)	86,280	169,294	(NA)	62	61	1.43
1929.....	1,659	(NA)	113,876	86,023	108,777	(NA)	73,223	159,351	(NA)	52	62	1.18
1919.....	1,821	(NA)	83,982	72,336	78,918	(NA)	61,934	152,301	(NA)	38	63	0.85
1909.....	1,854	(NA)	76,303	24,117	73,046	(NA)	20,361	46,885	(NA)	35	45	1.09
1899.....	1,369	(NA)	48,444	10,438	47,025	(NA)	9,130	22,850	(NA)	22	31	1.00
Georgia:												
1958.....	5,796	1,844	312,350	1,062,498	261,099	500,334	775,947	2,102,332	152,440	104	98	2.03
1954.....	5,655	1,713	301,290	843,557	260,082	503,497	642,582	1,592,411	162,849	100	100	1.93
1947.....	4,755	(NA)	249,958	484,289	225,838	(NA)	399,862	1,016,079	(NA)	83	91	1.75
1939.....	3,055	(NA)	176,965	142,021	155,870	(NA)	106,195	280,032	(NA)	59	61	1.86
1929.....	4,179	(NA)	171,734	140,674	158,774	(NA)	110,435	294,649	(NA)	57	62	1.78
1919.....	4,608	(NA)	135,263	125,503	122,578	(NA)	100,146	251,098	(NA)	45	63	1.38
1909.....	4,792	(NA)	112,895	43,867	104,588	(NA)	34,805	85,893	(NA)	37	45	1.61
1899.....	3,015	(NA)	87,151	23,162	83,336	(NA)	19,958	45,176	(NA)	29	31	1.80
Florida:												
1958.....	6,304	1,526	167,812	656,599	125,089	247,753	434,529	1,410,843	120,789	136	98	1.09
1954.....	4,792	1,065	123,368	385,291	97,338	198,489	270,749	797,721	104,631	100	100	0.79
1947.....	2,807	755	78,665	168,817	66,027	139,890	128,239	349,976	50,052	64	91	0.55
1939.....	1,976	(NA)	62,616	55,355	51,149	(NA)	36,847	115,885	(NA)	51	61	0.66
1929.....	2,212	(NA)	71,345	66,651	64,868	(NA)	54,582	135,488	(NA)	58	62	0.74
1919.....	2,503	(NA)	80,086	77,932	74,156	(NA)	67,136	120,151	(NA)	65	63	0.81
1909.....	2,159	(NA)	62,098	27,937	57,473	(NA)	22,982	46,761	(NA)	50	45	0.89
1899.....	1,275	(NA)	37,252	12,216	35,471	(NA)	10,916	21,336	(NA)	30	31	0.77
East South Central:												
1958.....	13,641	4,381	767,104	2,991,764	626,738	1,210,267	2,189,760	6,401,727	474,408	107	98	4.98
1954.....	12,854	4,034	714,758	2,288,840	601,493	1,166,807	1,713,827	4,701,863	395,991	100	100	4.57
1947.....	10,911	(NA)	635,445	1,363,617	559,827	(NA)	1,096,474	2,884,391	256,002	89	91	4.45
1939.....	7,024	(NA)	410,008	389,733	355,096	(NA)	288,656	823,101	(NA)	57	61	4.30
1929.....	9,860	(NA)	416,905	440,520	377,870	(NA)	348,734	924,428	(NA)	58	62	4.32
1919.....	14,094	(NA)	364,878	367,639	327,352	(NA)	296,470	660,223	(NA)	51	63	3.71
1909.....	15,381	(NA)	288,257	131,200	261,772	(NA)	102,192	294,325	(NA)	40	45	4.11
1899.....	10,058	(NA)	188,412	66,388	177,208	(NA)	56,004	148,579	(NA)	26	31	3.88
Kentucky:												
1958.....	2,850	927	157,754	693,174	124,704	241,746	491,809	1,781,969	108,855	108	98	1.02
1954.....	2,651	851	146,434	529,206	119,218	233,719	383,945	1,236,260	124,037	100	100	0.94
1947.....	2,245	(NA)	129,553	304,782	110,648	(NA)	236,085	743,322	(NA)	88	91	0.91
1939.....	1,582	(NA)	76,504	89,004	62,481	(NA)	61,592	186,485	(NA)	52	61	0.80
1929.....	2,246	(NA)	88,583	113,623	77,825	(NA)	88,644	236,080	(NA)	60	62	0.92
1919.....	3,767	(NA)	79,261	85,845	68,726	(NA)	66,261	158,498	(NA)	54	63	0.81
1909.....	4,776	(NA)	74,010	37,491	65,400	(NA)	27,888	111,975	(NA)	51	45	1.06
1899.....	3,648	(NA)	56,091	22,639	51,735	(NA)	18,454	59,102	(NA)	38	31	1.16
Tennessee:												
1958.....	4,450	1,516	275,790	1,058,364	220,823	426,647	739,504	2,207,073	143,130	106	98	1.79
1954.....	4,058	1,366	260,599	850,175	214,027	418,378	612,461	1,678,786	152,698	100	100	1.67
1947.....	3,345	(NA)	222,300	474,978	193,197	(NA)	371,637	961,385	(NA)	85	91	1.56
1939.....	2,225	(NA)	152,179	149,525	131,024	(NA)	108,828	318,378	(NA)	58	61	1.60
1929.....	2,855	(NA)	142,020	149,080	128,400	(NA)	115,877	322,898	(NA)	54	62	1.47
1919.....	4,426	(NA)	107,725	105,861	94,564	(NA)	80,687	210,201	(NA)	41	63	1.10
1909.....	4,609	(NA)	82,257	37,438	73,840	(NA)	28,252	76,201	(NA)	32	45	1.17
1899.....	3,116	(NA)	49,292	17,775	45,963	(NA)	14,728	38,190	(NA)	19	31	1.02
Alabama:												
1958.....	3,927	1,195	225,358	887,204	188,743	363,169	677,598	1,770,510	164,478	104	98	1.46
1954.....	3,893	1,152	217,084	672,109	188,414	357,780	528,618	1,319,192	82,248	100	100	1.39
1947.....	3,336	(NA)	206,239	444,887	185,700	(NA)	372,510	877,416	(NA)	95	91	1.44
1939.....	1,982	(NA)	129,261	114,706	115,698	(NA)	91,106	245,577	(NA)	60	61	1.36
1929.....	2,848	(NA)	130,034	126,390	119,559	(NA)	102,005	258,125	(NA)	60	62	1.35
1919.....	3,522	(NA)	116,440	116,974	106,679	(NA)	98,482	190,965	(NA)	54	63	1.18
1909.....	3,398	(NA)	78,203	33,849	72,148	(NA)	27,284	62,519	(NA)	36	45	1.12
1899.....	2,000	(NA)	54,970	16,971	52,711	(NA)	14,912	34,112	(NA)	25	31	1.13

See footnotes at end of table.

GENERAL SUMMARY

1-49

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA as a percent of the United States	
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
East South Central— Continued Mississippi:												
1958.....	2,414	743	108,202	353,022	92,468	178,705	280,849	642,175	57,945	119	98	0.70
1954.....	2,252	665	90,641	237,350	79,834	156,930	188,803	467,625	37,008	100	100	0.58
1947.....	1,985	(NA)	77,353	138,970	70,282	(NA)	116,242	302,268	(NA)	85	91	0.54
1939.....	1,235	(NA)	52,064	36,498	45,893	(NA)	27,130	72,661	(NA)	57	61	0.55
1929.....	1,911	(NA)	56,268	51,427	52,086	(NA)	42,208	107,325	(NA)	62	62	0.58
1919.....	2,379	(NA)	61,452	58,959	57,383	(NA)	51,040	100,559	(NA)	68	63	0.62
1909.....	2,598	(NA)	53,787	22,422	50,384	(NA)	18,768	43,630	(NA)	59	45	0.77
1899.....	1,294	(NA)	28,059	9,003	26,799	(NA)	7,910	17,175	(NA)	31	31	0.58
West South Central												
1958.....	18,400	5,261	771,432	3,482,344	580,779	1,152,074	2,349,670	7,791,482	862,063	108	98	5.01
1954.....	16,469	4,601	713,363	2,678,358	556,369	1,128,593	1,868,083	5,721,035	721,065	100	100	4.56
1947.....	13,183	(NA)	550,760	1,334,116	456,641	(NA)	996,258	3,030,203	457,920	77	91	3.85
1939.....	9,509	(NA)	330,516	362,542	258,882	(NA)	234,980	815,276	(NA)	46	61	3.47
1929.....	10,576	(NA)	341,079	416,742	297,743	(NA)	316,474	950,463	(NA)	48	62	3.53
1919.....	13,239	(NA)	323,642	365,389	282,751	(NA)	290,125	724,099	(NA)	45	63	3.29
1909.....	12,339	(NA)	227,958	123,028	204,520	(NA)	97,646	243,312	(NA)	32	45	3.25
1899.....	7,174	(NA)	121,643	50,049	113,388	(NA)	42,715	98,803	(NA)	17	31	2.51
Arkansas:												
1958.....	2,571	666	87,899	288,146	74,429	144,699	220,862	591,745	47,734	112	98	0.57
1954.....	2,428	568	78,391	218,473	67,481	134,479	171,109	457,047	42,715	100	100	0.50
1947.....	1,926	(NA)	65,802	125,200	58,725	(NA)	102,838	267,516	(NA)	84	91	0.46
1939.....	1,115	(NA)	41,183	33,352	35,672	(NA)	24,205	66,444	(NA)	53	61	0.43
1929.....	1,731	(NA)	48,747	49,446	44,205	(NA)	39,503	94,255	(NA)	62	62	0.50
1919.....	3,044	(NA)	54,234	56,207	49,693	(NA)	46,909	96,953	(NA)	69	63	0.55
1909.....	2,925	(NA)	48,275	22,574	44,982	(NA)	19,113	39,981	(NA)	62	45	0.69
1899.....	1,746	(NA)	33,074	11,447	31,525	(NA)	10,184	21,600	(NA)	42	31	0.68
Louisiana:												
1958.....	3,125	935	136,377	618,089	103,519	205,887	426,345	1,429,580	164,044	94	98	0.89
1954.....	3,020	897	144,757	531,639	114,378	232,019	375,730	1,181,649	174,396	100	100	0.92
1947.....	2,388	949	132,463	309,869	111,552	231,384	229,671	694,062	97,210	92	91	0.93
1939.....	1,779	(NA)	87,770	85,273	70,453	(NA)	54,454	198,527	(NA)	61	61	0.92
1929.....	1,989	(NA)	97,551	107,960	87,345	(NA)	83,867	246,497	(NA)	67	62	1.01
1919.....	2,489	(NA)	109,853	116,718	97,742	(NA)	93,858	243,886	(NA)	76	63	1.12
1909.....	2,516	(NA)	84,268	42,394	76,165	(NA)	33,386	89,084	(NA)	58	45	1.20
1899.....	1,826	(NA)	44,454	17,659	40,878	(NA)	14,725	35,994	(NA)	31	31	0.92
Oklahoma:												
1958.....	2,366	572	80,752	367,935	59,739	118,407	248,548	724,998	61,927	101	98	0.52
1954.....	2,131	524	79,851	307,902	60,572	122,530	212,183	580,633	51,740	100	100	0.51
1947.....	1,740	(NA)	55,441	143,634	44,349	(NA)	105,327	341,149	(NA)	69	91	0.39
1939.....	1,530	(NA)	37,585	47,170	27,642	(NA)	29,957	101,782	(NA)	47	61	0.39
1929.....	1,658	(NA)	38,638	57,604	31,695	(NA)	41,277	149,404	(NA)	48	62	0.40
1919.....	2,316	(NA)	35,445	46,234	29,048	(NA)	34,423	87,551	(NA)	44	63	0.36
1909.....	2,310	(NA)	15,336	9,285	13,143	(NA)	7,240	19,530	(NA)	19	45	0.22
1899.....	495	(NA)	2,650	1,113	2,381	(NA)	894	2,703	(NA)	3	31	0.05
Texas:												
1958.....	10,338	3,088	466,404	2,208,174	343,092	683,081	1,453,915	5,045,159	588,358	114	98	3.03
1954.....	8,890	2,612	410,364	1,620,344	313,938	639,565	1,109,061	3,501,706	452,214	100	100	2.62
1947.....	7,129	(NA)	297,054	755,413	242,015	(NA)	558,422	1,727,476	(NA)	72	91	2.08
1939.....	5,085	(NA)	163,978	196,747	125,115	(NA)	126,364	448,523	(NA)	40	61	1.72
1929.....	5,198	(NA)	156,143	201,732	134,498	(NA)	151,827	460,307	(NA)	38	62	1.62
1919.....	5,390	(NA)	124,110	146,230	106,268	(NA)	114,935	295,709	(NA)	30	63	1.26
1909.....	4,588	(NA)	80,079	48,775	70,230	(NA)	37,907	94,717	(NA)	20	45	1.14
1899.....	3,107	(NA)	41,465	19,830	38,604	(NA)	16,912	38,506	(NA)	10	31	0.85
Mountain:												
1958.....	7,561	1,761	225,296	1,123,100	167,863	334,293	780,285	2,251,120	170,712	123	98	1.46
1954.....	6,685	1,467	182,440	723,281	141,658	282,300	522,728	1,450,802	125,440	100	100	1.17
1947.....	5,044	(NA)	140,477	375,900	115,144	(NA)	290,285	783,771	95,023	77	91	0.98
1939.....	3,987	(NA)	89,409	119,074	67,011	(NA)	79,099	269,381	(NA)	49	61	0.94
1929.....	4,319	(NA)	118,778	181,403	102,492	(NA)	144,486	370,056	(NA)	65	62	1.23
1919.....	6,675	(NA)	122,668	169,004	105,794	(NA)	137,075	303,751	(NA)	67	63	1.25
1909.....	5,254	(NA)	85,013	69,392	75,435	(NA)	56,870	135,304	(NA)	47	45	1.21
1899.....	3,146	(NA)	47,983	31,610	44,497	(NA)	27,714	76,220	(NA)	26	31	0.99
Montana:												
1958.....	925	174	20,197	94,090	15,762	30,190	70,428	196,915	21,693	110	98	0.13
1954.....	868	172	18,373	71,289	14,677	27,762	54,098	141,234	20,574	100	100	0.12
1947.....	650	(NA)	15,838	42,770	13,380	(NA)	34,791	90,845	(NA)	86	91	0.11
1939.....	552	(NA)	11,939	17,286	8,802	(NA)	11,697	38,828	(NA)	65	61	0.11

See footnotes at end of table.

GENERAL SUMMARY

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)					
Mountain—Continued													
Montana—Continued													
1929.....	589	(NA)	17,135	29,470	14,869	(NA)	24,215	61,249	(NA)	93	62	0.18	
1919.....	1,235	(NA)	18,893	28,623	16,640	(NA)	23,968	43,079	(NA)	103	63	0.19	
1909.....	677	(NA)	13,035	12,955	11,655	(NA)	10,901	24,092	(NA)	71	45	0.19	
1899.....	395	(NA)	10,362	8,163	9,854	(NA)	7,377	22,677	(NA)	56	31	0.21	
Idaho:													
1958.....	1,059	244	27,239	126,015	22,149	42,992	96,509	255,258	18,409	113	98	0.18	
1954.....	981	204	24,024	92,986	20,124	39,259	73,188	188,575	19,226	100	100	0.15	
1947.....	664	173	16,907	45,748	14,602	31,369	37,904	109,694	11,447	70	91	0.12	
1939.....	498	(NA)	11,719	14,697	9,854	(NA)	11,490	29,788	(NA)	49	61	0.12	
1929.....	562	(NA)	17,023	25,488	15,648	(NA)	22,452	44,489	(NA)	71	62	0.18	
1919.....	803	(NA)	15,022	20,639	13,575	(NA)	18,014	35,659	(NA)	63	63	0.15	
1909.....	725	(NA)	9,078	6,482	8,220	(NA)	5,498	12,480	(NA)	38	45	0.13	
1899.....	287	(NA)	1,644	884	1,552	(NA)	818	1,563	(NA)	7	31	0.03	
Wyoming:													
1958.....	329	57	6,355	31,173	4,699	9,052	22,245	62,558	6,985	102	98	0.04	
1954.....	328	49	6,228	26,774	4,587	9,160	18,777	51,361	6,899	100	100	0.04	
1947.....	256	55	5,607	16,696	4,285	8,888	12,291	34,957	10,235	90	91	0.04	
1939.....	300	(NA)	4,416	6,641	3,351	(NA)	4,613	15,336	(NA)	71	61	0.05	
1929.....	248	(NA)	7,154	12,544	6,258	(NA)	10,255	33,628	(NA)	115	62	0.07	
1919.....	437	(NA)	7,108	12,227	6,271	(NA)	10,587	38,142	(NA)	114	63	0.07	
1909.....	268	(NA)	3,130	2,392	2,867	(NA)	2,081	3,641	(NA)	50	45	0.04	
1899.....	139	(NA)	2,147	1,300	2,060	(NA)	1,209	1,899	(NA)	34	31	0.04	
Colorado:													
1958.....	2,242	535	75,542	390,918	55,084	111,966	265,209	781,943	45,833	120	98	0.49	
1954.....	2,069	490	63,041	247,110	47,941	95,782	172,995	472,433	30,121	100	100	0.40	
1947.....	1,602	425	54,071	144,207	44,153	92,627	109,734	286,774	32,189	86	91	0.38	
1939.....	1,219	(NA)	32,234	43,953	23,388	(NA)	28,038	90,330	(NA)	51	61	0.34	
1929.....	1,548	(NA)	39,113	57,221	32,890	(NA)	43,640	122,331	(NA)	62	62	0.40	
1919.....	2,230	(NA)	40,786	53,770	33,759	(NA)	41,020	97,195	(NA)	65	63	0.41	
1909.....	2,034	(NA)	32,393	25,560	28,067	(NA)	19,912	49,553	(NA)	51	45	0.46	
1899.....	1,323	(NA)	21,368	13,766	19,498	(NA)	11,708	28,317	(NA)	34	31	0.44	
New Mexico:													
1958.....	665	153	13,643	58,694	9,795	19,203	37,950	114,897	15,423	142	98	0.09	
1954.....	593	101	9,603	32,433	7,083	14,154	22,185	65,687	6,585	100	100	0.06	
1947.....	431	(NA)	6,696	14,964	5,530	(NA)	11,438	32,136	(NA)	70	91	0.05	
1939.....	262	(NA)	4,107	4,182	3,219	(NA)	2,875	8,640	(NA)	43	61	0.04	
1929.....	250	(NA)	5,070	6,831	4,476	(NA)	5,565	11,278	(NA)	53	62	0.05	
1919.....	387	(NA)	6,310	7,686	5,736	(NA)	6,658	10,129	(NA)	66	63	0.06	
1909.....	313	(NA)	4,478	2,974	4,143	(NA)	2,591	4,637	(NA)	47	45	0.06	
1899.....	174	(NA)	2,578	1,290	2,490	(NA)	1,199	2,062	(NA)	27	31	0.05	
Arizona:													
1958.....	1,150	257	40,569	214,390	29,980	61,387	148,325	360,173	27,698	155	98	0.26	
1954.....	817	175	26,090	109,868	20,267	42,319	80,563	192,497	13,800	100	100	0.17	
1947.....	544	125	14,188	39,333	11,167	24,263	29,680	83,829	8,328	54	91	0.10	
1939.....	313	(NA)	7,996	10,988	5,905	(NA)	6,955	31,625	(NA)	31	61	0.08	
1929.....	348	(NA)	12,209	19,343	10,550	(NA)	15,075	32,289	(NA)	47	62	0.13	
1919.....	399	(NA)	9,652	14,725	8,297	(NA)	11,658	27,478	(NA)	37	63	0.10	
1909.....	311	(NA)	6,941	6,303	6,441	(NA)	5,505	16,656	(NA)	27	45	0.10	
1899.....	154	(NA)	3,331	2,557	3,126	(NA)	2,287	12,562	(NA)	13	31	0.07	
Utah:													
1958.....	986	296	36,747	181,040	26,717	52,085	120,751	411,785	29,516	125	98	0.24	
1954.....	852	234	29,364	117,520	22,553	44,790	82,442	276,343	23,385	100	100	0.19	
1947.....	771	(NA)	24,503	63,773	19,963	(NA)	48,031	128,250	(NA)	83	91	0.17	
1939.....	549	(NA)	15,537	18,970	11,467	(NA)	11,873	43,341	(NA)	53	61	0.16	
1929.....	651	(NA)	18,510	26,107	15,601	(NA)	19,699	56,727	(NA)	63	62	0.19	
1919.....	1,035	(NA)	21,526	26,524	18,442	(NA)	20,931	45,831	(NA)	73	63	0.22	
1909.....	749	(NA)	13,445	10,366	11,785	(NA)	8,400	20,724	(NA)	46	45	0.19	
1899.....	575	(NA)	6,012	3,263	5,413	(NA)	2,763	6,541	(NA)	20	31	0.12	
Nevada:													
1958.....	205	45	5,004	26,780	3,677	7,418	18,868	67,591	5,155	88	98	0.03	
1954.....	177	42	5,717	25,301	4,426	9,074	18,480	62,672	4,850	100	100	0.04	
1947.....	126	33	2,667	8,409	2,064	4,660	6,416	17,286	2,959	47	91	0.02	
1939.....	94	(NA)	1,461	2,357	1,025	(NA)	1,558	11,493	(NA)	26	61	0.02	
1929.....	123	(NA)	2,564	4,399	2,200	(NA)	3,585	8,065	(NA)	45	62	0.03	
1919.....	149	(NA)	3,371	4,810	3,074	(NA)	4,239	6,238	(NA)	59	63	0.03	
1909.....	177	(NA)	2,513	2,360	2,257	(NA)	1,982	3,521	(NA)	44	45	0.04	
1899.....	99	(NA)	541	387	504	(NA)	353	599	(NA)	9	31	0.01	

See footnotes at end of table.

GENERAL SUMMARY

1-51

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA		Division, State, or SMSA as a percent of the United States
											(\$1,000)	(1,000)	
Pacific:													
1958.....	38,412	10,166	1,526,416	8,397,880	1,106,119	2,171,937	5,368,362	15,436,839	1,024,093	112	98	9.92	
1954.....	35,308	8,983	1,357,138	6,062,013	1,036,909	2,030,426	4,193,819	11,183,969	764,742	100	100	8.67	
1947.....	24,132	(NA)	913,715	2,820,152	745,869	(NA)	2,139,537	5,544,019	553,678	67	91	6.39	
1939.....	16,319	(NA)	523,439	764,247	411,038	(NA)	536,528	1,546,957	(NA)	39	61	5.49	
1929.....	18,154	(NA)	555,534	909,964	471,246	(NA)	670,599	1,922,882	(NA)	41	62	5.75	
1919.....	17,116	(NA)	485,308	685,090	426,005	(NA)	568,266	1,263,163	(NA)	36	63	4.93	
1909.....	13,579	(NA)	242,576	190,638	213,166	(NA)	153,809	349,833	(NA)	18	45	3.46	
1899.....	8,329	(NA)	133,329	74,558	123,206	(NA)	63,777	140,849	(NA)	10	31	2.75	
Washington:													
1958.....	5,065	1,157	212,049	1,157,119	157,260	305,811	761,376	2,166,632	160,445	110	98	1.38	
1954.....	4,929	1,152	192,354	842,660	148,759	280,777	594,668	1,549,060	147,130	100	100	1.23	
1947.....	3,409	(NA)	144,252	437,802	123,442	(NA)	354,445	874,021	(NA)	75	91	1.01	
1939.....	2,858	(NA)	99,119	142,565	82,261	(NA)	108,220	267,716	(NA)	52	61	1.04	
1929.....	3,672	(NA)	128,740	196,575	114,830	(NA)	160,671	367,149	(NA)	67	62	1.33	
1919.....	4,356	(NA)	144,331	222,482	131,241	(NA)	192,473	361,907	(NA)	75	63	1.47	
1909.....	3,674	(NA)	76,854	59,593	69,120	(NA)	49,766	102,859	(NA)	40	45	1.10	
1899.....	1,926	(NA)	33,626	19,129	31,523	(NA)	17,065	32,554	(NA)	17	31	0.69	
Oregon:													
1958.....	5,025	1,151	132,572	639,672	110,188	209,427	499,817	1,222,224	121,317	99	98	0.86	
1954.....	5,870	1,189	134,343	561,580	114,464	214,740	447,741	1,037,456	67,811	100	100	0.86	
1947.....	3,075	970	105,591	317,827	92,144	182,229	265,837	675,017	61,669	79	91	0.74	
1939.....	1,903	(NA)	67,222	87,938	57,487	(NA)	69,574	156,696	(NA)	50	61	0.71	
1929.....	2,463	(NA)	73,865	106,242	65,505	(NA)	86,829	206,542	(NA)	55	62	0.76	
1919.....	2,478	(NA)	64,596	93,906	57,832	(NA)	80,067	158,763	(NA)	48	63	0.66	
1909.....	2,246	(NA)	32,223	23,949	28,750	(NA)	19,902	42,452	(NA)	24	45	0.46	
1899.....	1,406	(NA)	15,602	8,044	14,459	(NA)	6,822	15,804	(NA)	12	31	0.32	
California:													
1958.....	28,322	7,858	1,181,795	6,601,089	838,671	1,656,699	4,107,169	12,047,983	742,331	115	98	7.68	
1954.....	24,509	6,642	1,030,441	4,657,773	773,686	1,534,909	3,151,410	8,597,453	549,801	100	100	6.58	
1947.....	17,648	4,991	663,872	2,064,523	530,283	1,070,270	1,519,255	3,994,981	410,533	64	91	4.64	
1939.....	11,558	(NA)	357,098	533,744	271,290	(NA)	358,734	1,122,545	(NA)	35	61	3.75	
1929.....	12,019	(NA)	352,929	607,147	290,911	(NA)	423,099	1,349,191	(NA)	34	62	3.65	
1919.....	10,282	(NA)	276,381	368,702	236,932	(NA)	295,726	742,493	(NA)	27	63	2.81	
1909.....	7,659	(NA)	133,499	107,096	115,296	(NA)	84,141	204,522	(NA)	13	45	1.90	
1899.....	4,997	(NA)	84,101	47,385	77,224	(NA)	39,890	92,491	(NA)	8	31	1.73	
STANDARD METROPOLITAN STATISTICAL AREAS ⁵													
Akron:													
1958.....	698	232	79,403	448,542	54,896	101,341	280,964	760,617	56,700	92	98	0.52	
1954.....	669	223	85,905	389,094	63,170	114,746	259,900	619,497	33,909	100	100	0.55	
1947.....	482	183	94,011	284,302	75,289	(NA)	215,444	460,327	28,744	109	91	0.66	
1939.....	324	(NA)	52,602	96,759	40,114	(NA)	65,463	166,444	(NA)	61	61	0.55	
1929.....	353	(NA)	77,093	132,202	66,871	(NA)	106,477	280,546	(NA)	90	62	0.80	
1919.....	405	(NA)	(NA)	(NA)	71,050	(NA)	102,708	261,175	(NA)	(NA)	63	(NA)	
Albany:													
1958.....	744	281	63,275	324,438	45,278	88,284	211,774	640,902	31,328	79	98	0.41	
1954.....	802	298	79,997	352,697	57,904	115,166	228,039	634,665	49,343	100	100	0.51	
1947.....	(NA)	(NA)	78,785	(NA)	(NA)	(NA)	(NA)	361,844	(NA)	98	91	0.55	
1939.....	601	(NA)	(NA)	(NA)	42,311	(NA)	(NA)	140,398	(NA)	(NA)	61	(NA)	
Allentown-Bethlehem- Easton:													
1958.....	1,005	539	88,335	379,423	70,296	127,516	271,349	683,803	44,658	98	98	0.57	
1954.....	1,007	538	90,265	323,179	74,271	140,359	239,744	593,489	43,417	100	100	0.58	
1947.....	898	(NA)	88,614	22,372	76,351	(NA)	177,547	360,669	(NA)	98	91	0.62	
1939.....	662	(NA)	67,583	80,781	59,181	(NA)	62,891	158,236	(NA)	75	61	0.71	
1929.....	783	(NA)	72,461	107,132	64,919	(NA)	86,508	216,477	(NA)	80	62	0.75	
1919.....	1,169	(NA)	(NA)	(NA)	64,972	(NA)	72,379	180,335	(NA)	(NA)	63	(NA)	
Atlanta:													
1958.....	1,317	523	82,451	371,096	61,456	119,447	232,306	711,947	57,783	102	98	0.54	
1954.....	1,164	450	80,627	292,915	63,018	125,605	197,221	561,051	24,901	100	100	0.52	
1947.....	943	(NA)	51,002	115,437	42,410	(NA)	83,980	242,767	(NA)	63	91	0.36	
1939.....	637	(NA)	(NA)	(NA)	28,821	(NA)	(NA)	(NA)	(NA)	(NA)	61	(NA)	
Baltimore:													
1958.....	2,112	866	195,926	1,000,290	141,635	274,599	641,651	1,963,553	83,982	101	98	1.27	
1954.....	2,015	856	194,249	797,160	147,695	291,251	538,199	1,575,794	76,393	100	100	1.24	
1947.....	1,887	(NA)	174,960	491,941	143,343	(NA)	367,098	921,056	(NA)	90	91	1.22	
1939.....	1,976	(NA)	(NA)	(NA)	109,377	(NA)	(NA)	348,364	(NA)	(NA)	61	(NA)	

See footnotes at end of table.

GENERAL SUMMARY

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Division, State, or SMSA	Index of em- ployment change 1954=100		Division, State, or SMSA as a percent of the United States
				(\$1,000)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)		United States			
STANDARD METROPOLITAN STATISTICAL AREAS ⁵ — Continued													
Binghamton:													
1958.....	302	135	38,057	186,374	26,965	50,654	107,941	242,601	12,200	94	98	0.25	
1954.....	289	137	40,502	159,561	32,523	60,697	112,853	268,720	15,213	100	100	0.26	
1947.....	237	99	35,769	105,978	30,961	(NA)	86,793	159,879	8,183	88	91	0.25	
1939.....	201	(NA)	(NA)	(NA)	27,194	(NA)	(NA)	61,205	(NA)	(NA)	61	(NA)	
Birmingham:													
1958.....	660	291	60,450	312,794	47,154	93,871	225,974	587,027	42,760	105	98	0.39	
1954.....	605	266	57,762	236,624	46,169	89,227	170,682	481,580	31,518	100	100	0.37	
1947.....	529	(NA)	53,359	138,011	44,767	(NA)	106,659	275,630	(NA)	92	91	0.37	
1939.....	374	(NA)	31,988	40,440	28,774	(NA)	33,000	105,409	(NA)	55	61	0.34	
1929.....	419	(NA)	36,319	49,542	31,544	(NA)	37,924	111,211	(NA)	63	62	0.38	
1919.....	440	(NA)	(NA)	(NA)	28,909	(NA)	33,009	62,540	(NA)	(NA)	63	(NA)	
Boston: ⁶													
1958.....	5,665	2,037	28,611	1,351,628	206,743	404,187	856,008	2,438,149	98,554	(NA)	98	1.86	
⁶													
Bridgeport:													
1958.....	784	289	62,859	319,448	45,568	89,997	209,116	570,625	25,795	(NA)	98	0.41	
Buffalo:													
1958.....	1,820	702	169,877	954,466	122,778	241,247	638,704	1,715,627	109,102	85	98	1.10	
1954.....	1,829	729	200,801	933,873	152,882	306,577	655,297	1,677,778	139,477	100	100	1.28	
1947.....	1,693	706	183,876	557,384	149,758	(NA)	424,928	1,023,231	90,261	92	91	1.29	
1939.....	1,356	(NA)	115,589	183,753	90,244	(NA)	125,565	391,785	(NA)	58	61	1.21	
1929.....	1,896	(NA)	128,704	212,117	108,966	(NA)	160,766	480,123	(NA)	64	62	1.33	
1919.....	2,913	(NA)	(NA)	(NA)	116,633	(NA)	152,180	346,627	(NA)	(NA)	63	(NA)	
Canton:													
1958.....	469	184	50,489	265,068	38,152	69,642	181,150	499,608	26,677	89	98	0.33	
1954.....	456	183	56,762	247,442	45,351	86,705	184,284	449,371	19,083	100	100	0.36	
1947.....	385	166	55,564	158,649	47,600	(NA)	128,551	280,241	15,224	98	91	0.39	
1939.....	323	(NA)	32,342	50,343	28,854	(NA)	42,061	107,807	(NA)	57	61	0.34	
1929.....	338	(NA)	36,834	67,456	32,202	(NA)	54,735	142,508	(NA)	65	62	0.38	
1919.....	584	(NA)	(NA)	(NA)	34,182	(NA)	47,876	108,670	(NA)	(NA)	63	(NA)	
Chattanooga:													
1958.....	428	193	40,697	164,878	32,751	64,400	118,224	337,482	11,876	95	98	0.26	
1954.....	410	190	42,759	143,569	35,724	69,907	107,515	277,314	33,496	100	100	0.27	
1947.....	387	179	38,193	84,375	33,686	(NA)	67,484	149,104	(NA)	89	91	0.27	
1939.....	271	(NA)	(NA)	(NA)	23,850	(NA)	(NA)	46,824	(NA)	(NA)	61	(NA)	
Chicago:													
1958.....	13,508	4,947	813,569	4,280,994	587,311	1,153,265	2,740,792	8,296,011	463,980	96	98	5.28	
1954.....	13,229	4,811	849,438	3,802,346	644,101	1,276,613	2,556,658	6,978,959	328,371	100	100	(NA)	
1947.....	12,082	(NA)	857,801	2,693,758	682,028	(NA)	1,934,360	4,964,097	(NA)	101	91	5.43	
Chicago, Ill.— Northwestern Ind.:													
1958.....	13,952	5,117	911,823	4,881,584	663,941	1,297,384	3,177,151	9,577,938	714,793	96	98	5.92	
1954.....	13,643	4,989	950,954	4,287,691	725,278	1,432,378	2,921,573	7,959,831	430,324	100	100	6.08	
1947.....	12,409	(NA)	952,768	3,012,712	762,041	(NA)	2,191,174	5,561,913	(NA)	100	91	6.67	
1939.....	9,116	(NA)	(NA)	(NA)	481,438	(NA)	(NA)	1,904,419	(NA)	(NA)	61	(NA)	
Cincinnati:													
1958.....	1,776	763	144,464	760,128	99,112	196,713	451,677	1,484,756	103,715	96	98	0.94	
1954.....	1,814	791	151,189	672,891	111,405	227,675	438,217	1,317,077	73,004	100	100	0.97	
1947.....	1,688	(NA)	134,549	379,993	107,364	(NA)	272,127	775,391	(NA)	89	91	0.94	
1939.....	1,521	(NA)	83,466	119,166	72,401	(NA)	90,159	268,017	(NA)	55	61	0.88	
1929.....	2,189	(NA)	108,088	167,392	90,468	(NA)	121,721	359,625	(NA)	71	62	1.12	
1919.....	2,721	(NA)	(NA)	(NA)	97,166	(NA)	98,908	284,555	(NA)	(NA)	63	(NA)	
Cleveland:													
1958.....	3,898	1,383	253,130	1,420,577	181,296	357,331	919,231	2,510,907	142,048	87	98	1.64	
1954.....	3,744	1,358	291,037	1,376,234	222,511	442,641	944,795	2,401,375	217,825	100	100	1.86	
1947.....	3,252	(NA)	268,232	865,662	218,494	(NA)	644,686	1,543,911	(NA)	92	91	1.88	
1939.....	2,441	(NA)	150,854	240,879	129,358	(NA)	83,314	504,992	(NA)	52	61	1.58	
1929.....	2,829	(NA)	191,612	336,550	164,793	(NA)	257,664	690,275	(NA)	66	62	1.98	
1919.....	3,182	(NA)	(NA)	(NA)	169,813	(NA)	228,927	518,009	(NA)	(NA)	63	(NA)	
Columbus, Ohio:													
1958.....	835	306	68,231	357,688	45,242	87,450	211,971	622,651	48,331	94	98	0.44	
1954.....	792	301	72,936	314,521	51,934	105,055	204,464	581,383	34,731	100	100	0.47	
1947.....	680	(NA)	54,925	153,551	42,405	(NA)	105,436	277,964	(NA)	75	91	0.38	
1939.....	500	(NA)	29,380	39,631	25,309	(NA)	29,658	90,049	(NA)	41	61	0.31	
1929.....	624	(NA)	32,603	50,730	27,562	(NA)	36,911	111,403	(NA)	45	62	0.34	
1919.....	774	(NA)	(NA)	(NA)	31,573	(NA)	37,447	82,882	(NA)	(NA)	63	(NA)	

See footnotes at end of table.

GENERAL SUMMARY

1-53

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Divisions, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	
											Division, State, or SMSA	United States
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)			
STANDARD METROPOLITAN STATISTICAL AREAS ⁵ — Continued												
Dallas:												
1958.....	1,756	608	91,149	432,975	63,181	127,589	256,117	844,821	44,936	117	98	0.59
1954.....	1,482	518	77,784	303,582	57,080	116,273	191,354	531,649	21,737	100	100	0.50
1947.....	(NA)	(NA)	42,249	(NA)	(NA)	(NA)	(NA)	253,078	(NA)	54	91	0.30
1939.....	760	(NA)	(NA)	(NA)	17,523	(NA)	(NA)	63,903	(NA)	(NA)	61	(NA)
Dayton:												
1958.....	930	363	94,537	537,425	72,463	146,122	380,493	907,584	41,429	89	98	0.61
1954.....	897	354	106,007	499,406	85,304	171,682	375,208	818,081	51,872	100	100	0.68
1947.....	754	323	103,312	331,560	86,091	(NA)	257,554	540,986	(NA)	97	91	0.72
1939.....	566	(NA)	(NA)	(NA)	44,788	(NA)	(NA)	182,500	(NA)	(NA)	61	(NA)
Denver:												
1958.....	1,286	368	52,084	274,272	37,018	75,002	179,949	562,850	31,046	124	98	0.34
1954.....	1,140	(NA)	41,854	170,744	30,524	62,057	113,242	320,461	18,987	100	100	0.27
1947.....	(NA)	(NA)	35,224	(NA)	(NA)	(NA)	(NA)	190,220	(NA)	84	91	0.25
Detroit:												
1958.....	6,468	1,911	405,035	2,480,281	295,788	584,598	1,659,858	4,312,429	214,358	75	98	2.63
1954.....	6,159	2,005	538,223	2,773,349	434,365	881,589	2,073,287	4,713,167	480,818	100	100	3.44
1947.....	4,761	(NA)	557,241	1,852,316	468,170	(NA)	1,457,651	2,912,660	(NA)	104	91	3.90
1939.....	2,684	(NA)	372,882	655,102	315,221	(NA)	517,849	1,087,575	(NA)	69	61	3.91
1929.....	2,844	(NA)	328,414	616,246	290,980	(NA)	507,375	1,216,159	(NA)	61	62	3.40
1919.....	2,634	(NA)	(NA)	(NA)	264,961	(NA)	402,488	958,755	(NA)	(NA)	63	(NA)
Erie:												
1958.....	428	182	34,858	178,776	25,151	49,382	116,138	308,019	24,528	86	98	0.23
1954.....	422	185	40,488	171,969	31,786	62,089	122,133	286,397	13,882	100	100	0.26
1947.....	368	172	46,285	134,693	38,076	(NA)	103,640	224,906	17,815	114	91	0.32
1939.....	296	(NA)	22,794	33,380	19,216	(NA)	24,985	72,110	(NA)	56	61	0.24
1929.....	366	(NA)	27,352	45,082	23,022	(NA)	33,568	91,258	(NA)	68	62	0.28
1919.....	455	(NA)	(NA)	(NA)	22,944	(NA)	28,930	70,441	(NA)	(NA)	63	(NA)
Flint:												
1958.....	278	71	57,536	342,303	46,376	93,261	263,197	578,648	20,280	76	98	0.37
1954.....	286	76	75,410	387,681	63,979	137,996	316,466	713,846	149,069	100	100	0.48
1947.....	213	(NA)	54,774	170,845	47,521	(NA)	140,170	323,205	(NA)	73	91	0.38
1939.....	134	(NA)	36,878	68,734	33,072	(NA)	59,244	133,499	(NA)	49	61	0.39
1929.....	136	(NA)	35,843	62,606	32,001	(NA)	52,642	142,654	(NA)	48	62	0.37
1919.....	151	(NA)	(NA)	(NA)	24,884	(NA)	38,589	103,901	(NA)	(NA)	63	(NA)
Fort Worth:												
1958.....	784	271	55,344	288,235	42,230	82,894	205,257	523,283	19,526	112	98	0.36
1954.....	637	216	49,605	213,912	38,416	76,161	151,136	372,674	16,731	100	100	0.32
1947.....	456	161	32,420	83,807	26,757	(NA)	62,392	147,463	(NA)	65	91	0.23
1939.....	316	(NA)	(NA)	(NA)	8,242	(NA)	(NA)	30,450	(NA)	(NA)	61	(NA)
Gary-Hammond- East Chicago:												
1958.....	444	170	98,254	600,590	76,630	144,119	436,359	1,281,927	250,813	97	98	0.64
1954.....	414	178	101,516	485,345	81,177	155,765	364,915	980,872	101,953	100	100	0.65
1947.....	327	149	94,967	318,954	80,013	(NA)	256,814	597,816	(NA)	94	(NA)	(NA)
1939.....	237	(NA)	(NA)	(NA)	58,733	(NA)	(NA)	268,034	(NA)	(NA)	(NA)	(NA)
Grand Rapids:												
1958.....	841	294	44,304	232,923	34,177	68,253	162,926	409,733	14,828	85	98	0.29
1954.....	776	273	52,337	244,270	41,221	86,735	177,077	454,194	27,710	100	100	0.33
1947.....	694	272	49,241	147,276	41,961	(NA)	114,990	255,255	15,006	94	91	0.34
1939.....	468	(NA)	27,155	37,258	23,882	(NA)	29,168	71,736	(NA)	52	61	0.29
1929.....	561	(NA)	35,063	57,548	30,979	(NA)	44,756	96,706	(NA)	67	62	0.36
1919.....	700	(NA)	(NA)	(NA)	25,640	(NA)	28,395	63,336	(NA)	(NA)	63	(NA)
Greensboro- High Point:												
1958.....	577	254	40,115	132,090	33,939	63,589	97,021	315,167	11,876	107	98	0.26
1954.....	509	218	37,380	104,332	33,045	59,654	77,484	169,106	8,190	100	100	0.24
1947.....	(NA)	(NA)	28,843	(NA)	(NA)	(NA)	(NA)	125,935	(NA)	77	91	0.20
1939.....	(NA)	(NA)	(NA)	(NA)	25,123	(NA)	(NA)	39,582	(NA)	(NA)	61	(NA)
Hartford: ⁶												
1958.....	905	281	83,183	423,811	59,806	118,762	275,090	717,049	32,086	(NA)	98	0.54

See footnotes at end of table.

GENERAL SUMMARY

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures new ⁴	Comparative employment indexes				
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100		Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
										(\$1,000)	(1,000)			
STANDARD METROPOLITAN STATISTICAL AREAS ⁵ — Continued														
Houston:														
1958.....	1,750	550	89,294	485,267	62,766	126,880	310,837	1,153,967	151,199	115	98	0.58		
1954.....	1,401	458	77,756	362,976	57,532	118,601	243,154	868,747	87,235	100	100	0.50		
1947.....	915	(NA)	58,254	181,794	45,671	(NA)	131,073	384,718	(NA)	75	91	0.41		
1939.....	620	(NA)	27,116	41,671	22,600	(NA)	30,423	106,608	(NA)	35	61	0.28		
1929.....	475	(NA)	26,213	37,909	22,131	(NA)	28,097	93,498	(NA)	34	62	0.27		
1919.....	422	(NA)	(NA)	(NA)	11,411	(NA)	12,173	31,964	(NA)	(NA)	63	(NA)		
Indianapolis:														
1958.....	1,101	399	95,153	524,518	64,892	129,545	316,233	955,259	65,239	93	98	0.62		
1954.....	1,102	385	102,233	464,243	74,681	150,971	302,764	844,783	48,209	100	100	0.65		
1947.....	943	(NA)	92,259	278,506	72,827	(NA)	197,989	483,375	(NA)	90	91	0.65		
1939.....	784	(NA)	50,666	73,782	38,705	(NA)	47,989	138,633	(NA)	50	61	0.53		
1929.....	902	(NA)	55,504	84,492	46,339	(NA)	60,158	178,962	(NA)	54	62	0.57		
1919.....	1,028	(NA)	(NA)	(NA)	52,142	(NA)	55,083	135,701	(NA)	(NA)	63	(NA)		
Jersey City:														
1958.....	2,400	805	120,678	591,645	89,645	173,230	394,467	1,224,988	49,624	91	98	0.78		
1954.....	2,363	785	133,063	569,410	100,902	195,838	380,317	1,119,182	41,723	100	100	0.85		
1947.....	(NA)	(NA)	144,039	(NA)	(NA)	(NA)	(NA)	889,898	(NA)	108	91	1.01		
1939.....	1,632	(NA)	(NA)	(NA)	85,629	(NA)	(NA)	342,458	(NA)	(NA)	61	(NA)		
Kansas City:														
1958.....	1,625	583	99,751	504,810	69,111	135,252	316,575	1,067,175	59,609	87	98	0.65		
1954.....	1,513	559	115,132	497,764	84,903	168,431	336,026	1,039,592	45,821	100	100	0.74		
1947.....	1,347	(NA)	78,686	218,970	61,735	(NA)	156,262	469,807	(NA)	68	91	0.55		
1939.....	1,023	(NA)	50,680	73,102	38,085	(NA)	47,410	147,655	(NA)	44	61	0.53		
1929.....	1,163	(NA)	54,008	80,401	44,203	(NA)	57,076	222,620	(NA)	47	62	0.56		
1919.....	1,392	(NA)	(NA)	(NA)	48,546	(NA)	55,322	129,365	(NA)	(NA)	63	(NA)		
Lancaster:														
1958.....	632	276	42,295	177,311	33,678	66,476	123,997	367,964	15,630	99	98	0.27		
1954.....	612	263	42,545	150,619	34,663	68,491	110,273	288,553	16,059	100	100	0.27		
1947.....	(NA)	(NA)	39,139	(NA)	(NA)	(NA)	(NA)	177,965	(NA)	92	91	0.27		
Los Angeles- Long Beach:														
1958.....	16,910	4,771	712,711	4,020,622	496,338	989,956	2,418,849	7,044,686	319,113	111	98	4.63		
1954.....	14,424	3,974	641,065	2,943,000	471,732	946,178	1,934,617	5,054,697	305,982	100	100	4.10		
1947.....	9,771	2,722	358,722	1,118,344	281,806	(NA)	797,090	2,052,671	175,327	56	91	2.51		
1939.....	5,505	(NA)	172,757	258,967	127,425	(NA)	167,133	517,671	(NA)	27	61	1.81		
1929.....	5,029	(NA)	127,881	210,001	103,652	(NA)	151,486	505,380	(NA)	20	62	1.32		
1919.....	3,721	(NA)	(NA)	(NA)	63,255	(NA)	74,291	183,855	(NA)	(NA)	63	(NA)		
Louisville:														
1958.....	872	402	83,189	412,348	63,869	125,505	288,167	1,161,445	50,265	98	98	0.54		
1954.....	814	386	84,653	354,192	66,502	135,815	252,962	845,031	90,958	100	100	0.54		
1947.....	743	(NA)	73,853	193,837	60,878	(NA)	144,248	489,435	(NA)	87	91	0.52		
1939.....	641	(NA)	39,770	46,757	35,009	(NA)	35,581	128,466	(NA)	47	61	0.42		
1929.....	822	(NA)	49,459	65,304	42,303	(NA)	48,399	153,178	(NA)	58	62	0.51		
1919.....	979	(NA)	(NA)	(NA)	35,238	(NA)	34,165	90,721	(NA)	(NA)	63	(NA)		
Memphis:														
1958.....	708	290	40,658	173,356	29,550	58,417	110,762	393,652	33,170	97	98	0.26		
1954.....	632	282	41,804	152,582	32,310	65,441	103,324	336,167	31,773	100	100	0.27		
1947.....	(NA)	(NA)	36,042	(NA)	(NA)	(NA)	(NA)	202,438	(NA)	86	91	0.25		
1939.....	364	(NA)	(NA)	(NA)	18,125	(NA)	(NA)	57,494	(NA)	(NA)	61	(NA)		
Milwaukee:														
1958.....	2,298	800	180,758	992,131	126,193	246,051	626,540	1,722,520	78,377	98	98	1.17		
1954.....	2,222	820	183,816	843,382	135,712	267,618	561,997	1,493,953	71,404	100	100	1.17		
1947.....	2,108	(NA)	185,692	560,298	146,978	(NA)	413,095	1,013,542	(NA)	101	91	1.30		
1939.....	(NA)	(NA)	(NA)	(NA)	82,704	(NA)	(NA)	299,808	(NA)	(NA)	61	(NA)		
Minneapolis-St. Paul:														
1958.....	2,433	881	135,136	696,603	91,936	180,213	421,800	1,396,579	49,909	100	98	0.88		
1954.....	2,289	804	135,288	586,150	99,171	98,945	386,367	1,116,758	49,118	100	100	0.86		
1947.....	2,152	(NA)	123,266	361,342	96,302	(NA)	245,271	724,639	(NA)	91	91	0.86		
Newark:														
1958.....	4,425	1,587	226,651	1,155,750	163,629	320,293	738,588	2,292,865	122,252	94	98	1.47		
1954.....	4,255	1,571	241,925	1,054,763	181,137	359,439	695,260	1,964,973	128,151	100	100	1.55		
1947.....	(NA)	(NA)	222,762	(NA)	(NA)	(NA)	(NA)	1,317,281	(NA)	92	91	1.56		
1939.....	2,458	(NA)	(NA)	(NA)	116,122	(NA)	(NA)	438,574	(NA)	(NA)	61	(NA)		
New Haven: ⁶														
1958.....	722	275	42,113	201,827	31,160	60,896	130,470	331,069	18,458	(NA)	98	0.27		

See footnotes at end of table.

GENERAL SUMMARY

1-55

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures new ⁴	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100		Division, State, or SMSA	as a percent of the United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)					
STANDARD METROPOLITAN STATISTICAL AREAS ⁵ — Continued													
New Orleans:													
1958.....	901	313	45,291	202,271	34,023	66,013	138,506	466,914	26,401	85	98	0.29	
1954.....	856	305	53,212	193,617	41,423	81,758	135,236	374,873	64,588	100	100	0.34	
1947.....	724	293	45,363	105,210	37,932	(NA)	78,201	222,995	19,306	85	91	0.32	
1939.....	688	(NA)	28,679	27,158	25,509	(NA)	19,931	80,810	(NA)	54	61	0.30	
1929.....	851	(NA)	31,558	35,893	27,065	(NA)	24,839	94,120	(NA)	59	62	0.33	
1919.....	923	(NA)	(NA)	(NA)	30,231	(NA)	27,935	83,836	(NA)	(NA)	63	(NA)	
New York:													
1958.....	39,396	11,705	1,074,561	4,984,653	793,676	1,493,692	3,129,473	9,388,523	305,987	96	98	6.98	
1954.....	41,012	11,754	1,120,638	4,453,870	872,130	1,651,802	2,943,559	8,133,224	183,330	100	100	7.16	
1947.....	(NA)	(NA)	1,027,001	(NA)	(NA)	(NA)	(NA)	5,984,484	(NA)	92	91	7.18	
1939.....	26,206	(NA)	(NA)	(NA)	540,878	(NA)	(NA)	1,969,558	(NA)	(NA)	61	(NA)	
New York-Northeastern New Jersey:													
1958.....	50,413	15,645	1,660,404	7,946,344	1,222,596	2,332,244	5,048,080	15,267,750	604,129	96	98	10.79	
1954.....	51,403	15,551	1,731,977	7,095,016	1,336,116	2,566,509	4,714,688	13,115,922	444,124	100	100	11.07	
1947.....	48,281	(NA)	1,598,662	4,919,631	1,269,283	(NA)	3,485,822	9,310,900	(NA)	92	91	11.18	
1939.....	32,132	(NA)	1,116,708	1,646,817	867,953	(NA)	1,062,156	3,126,135	(NA)	64	61	11.72	
1929.....	36,923	(NA)	1,110,942	1,988,775	910,870	(NA)	1,399,940	4,452,465	(NA)	64	62	11.50	
1919.....	42,293	(NA)	(NA)	(NA)	1,057,677	(NA)	1,300,273	3,592,026	(NA)	(NA)	63	(NA)	
Paterson-Clifton- Passaic:													
1958.....	3,332	1,138	156,330	782,225	115,068	226,282	507,911	1,464,579	50,083	101	98	1.02	
1954.....	2,956	1,041	155,128	663,530	119,026	235,164	451,491	1,162,689	39,724	100	100	0.99	
1947.....	(NA)	(NA)	131,029	(NA)	(NA)	(NA)	(NA)	701,632	(NA)	84	91	0.92	
1939.....	1,364	(NA)	(NA)	(NA)	82,530	(NA)	(NA)	227,659	(NA)	(NA)	61	(NA)	
Peoria:													
1958.....	321	125	32,318	168,125	24,656	44,672	115,896	487,559	21,548	86	98	0.21	
1954.....	313	107	37,778	167,347	30,211	59,984	124,639	362,496	20,934	100	100	0.24	
1947.....	278	(NA)	42,511	123,726	34,492	(NA)	94,376	280,670	(NA)	113	91	0.30	
1939.....	265	(NA)	21,962	34,440	18,875	(NA)	28,023	85,046	(NA)	58	61	0.23	
1929.....	268	(NA)	18,067	27,840	14,773	(NA)	20,143	82,024	(NA)	48	62	0.19	
1919.....	383	(NA)	(NA)	(NA)	12,304	(NA)	13,684	42,519	(NA)	(NA)	63	(NA)	
Philadelphia:													
1958.....	8,124	3,147	515,172	2,573,486	380,404	738,073	1,688,750	4,826,261	306,123	94	98	3.35	
1954.....	8,079	3,159	547,042	2,291,639	419,932	827,015	1,564,348	4,023,700	275,789	100	100	3.50	
1947.....	7,394	(NA)	531,809	1,530,678	436,996	(NA)	1,139,148	2,772,649	(NA)	97	91	3.72	
1939.....	5,756	(NA)	393,561	555,590	320,627	(NA)	385,782	1,037,292	(NA)	72	61	4.13	
1929.....	7,136	(NA)	428,914	663,047	367,784	(NA)	497,430	1,396,529	(NA)	78	62	4.44	
1919.....	11,673	(NA)	(NA)	(NA)	465,487	(NA)	567,866	1,303,034	(NA)	(NA)	63	(NA)	
Pittsburgh:													
1958.....	2,479	921	269,888	1,523,779	202,696	380,073	1,057,073	2,622,340	262,562	89	98	1.75	
1954.....	2,381	917	303,620	1,365,174	239,638	454,812	995,776	2,481,817	164,024	100	100	1.94	
1947.....	2,227	(NA)	337,928	1,023,833	283,985	(NA)	807,101	1,704,327	(NA)	111	91	2.36	
1939.....	1,905	(NA)	229,353	357,044	191,278	(NA)	270,370	640,908	(NA)	76	61	2.41	
1929.....	2,544	(NA)	248,607	423,336	216,481	(NA)	338,023	835,162	(NA)	82	62	2.57	
1919.....	3,796	(NA)	(NA)	(NA)	244,991	(NA)	366,325	803,556	(NA)	(NA)	63	(NA)	
Portland, Oregon:													
1958.....	1,758	458	57,037	288,400	43,514	82,905	201,626	597,572	32,163	101	98	0.37	
1954.....	1,787	438	56,729	239,997	44,840	85,943	172,036	475,021	27,190	100	100	0.36	
1947.....	1,298	409	51,643	153,747	42,675	(NA)	119,893	314,273	36,254	91	91	0.36	
1939.....	943	(NA)	28,398	38,224	25,017	(NA)	30,679	79,875	(NA)	50	61	0.30	
1929.....	1,307	(NA)	38,083	56,783	31,576	(NA)	42,254	112,605	(NA)	67	62	0.39	
1919.....	1,129	(NA)	(NA)	(NA)	38,075	(NA)	54,862	111,892	(NA)	(NA)	63	(NA)	
Providence: ⁶													
1958.....	2,913	993	125,419	500,349	100,371	194,833	346,093	849,524	32,931	(NA)	98	0.81	
Reading:													
1958.....	697	319	48,135	192,121	38,942	73,634	137,884	341,515	16,380	98	98	0.31	
1954.....	669	317	49,130	167,369	41,468	78,141	126,928	294,269	17,415	100	100	0.31	
1947.....	616	(NA)	53,024	135,843	46,373	(NA)	110,795	230,161	(NA)	108	91	0.37	
1939.....	493	(NA)	46,124	53,975	40,537	(NA)	41,612	83,782	(NA)	94	61	0.48	
1929.....	567	(NA)	47,525	67,817	43,487	(NA)	56,302	117,936	(NA)	97	62	0.49	
1919.....	1,031	(NA)	(NA)	(NA)	41,072	(NA)	39,910	81,355	(NA)	(NA)	63	(NA)	
Richmond:													
1958.....	492	208	37,909	167,104	28,542	56,176	111,788	450,910	22,207	105	98	0.25	
1954.....	475	192	36,250	128,569	28,458	54,878	87,076	343,916	20,826	100	100	0.23	

See footnotes at end of table.

GENERAL SUMMARY

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All Employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
STANDARD METROPOLITAN STATISTICAL AREAS ⁵ — Continued													
Rochester:													
1958.....	1,015	337	100,876	559,800	70,818	134,287	342,831	1,072,709	54,352	91	98	0.66	
1954.....	979	330	111,385	508,033	83,246	163,733	338,183	919,779	58,810	100	100	0.71	
1947.....	907	(NA)	107,493	319,227	85,696	(NA)	234,932	514,543	(NA)	97	91	0.75	
1939.....	755	(NA)	67,004	106,494	50,898	(NA)	70,381	207,730	(NA)	60	61	0.70	
1929.....	1,044	(NA)	74,107	119,628	62,239	(NA)	87,844	247,685	(NA)	67	62	0.77	
1919.....	1,536	(NA)	(NA)	(NA)	67,553	(NA)	73,332	195,916	(NA)	(NA)	63	(NA)	
St. Louis:													
1958.....	3,150	1,251	243,573	1,242,469	179,971	348,621	822,308	2,382,826	152,791	95	98	1.58	
1954.....	3,161	1,256	255,525	1,079,972	194,478	380,470	741,526	2,088,314	133,870	100	100	1.63	
1947.....	2,987	(NA)	248,919	676,553	204,147	(NA)	501,467	1,326,402	(NA)	97	91	1.74	
San Diego:													
1958.....	755	159	70,867	442,962	46,468	95,367	248,636	605,526	26,340	148	98	0.46	
1954.....	595	114	47,731	221,656	37,310	74,405	156,997	390,218	7,986	100	100	0.30	
1947.....	419	81	20,783	61,993	15,264	(NA)	41,863	101,548	4,921	44	91	0.15	
1939.....	249	(NA)	(NA)	(NA)	5,964	(NA)	(NA)	21,595	(NA)	(NA)	61	(NA)	
San Francisco:													
1958.....	4,433	1,316	177,953	980,261	217,628	243,874	645,866	2,070,563	157,474	103	98	1.16	
1954.....	4,106	1,189	173,135	793,165	128,746	250,004	539,483	1,673,825	114,955	100	100	1.11	
1947.....	3,670	(NA)	163,606	526,626	131,127	(NA)	393,238	1,048,720	(NA)	94	91	1.14	
1939.....	3,213	(NA)	101,103	165,356	76,044	(NA)	110,418	361,966	(NA)	58	61	1.06	
1929.....	3,923	(NA)	109,119	179,628	89,299	(NA)	131,461	448,062	(NA)	63	62	1.13	
1919.....	3,651	(NA)	(NA)	(NA)	107,080	(NA)	140,611	360,185	(NA)	(NA)	63	(NA)	
San Jose:													
1958.....	773	253	51,377	322,743	36,184	70,702	195,708	631,557	36,769	184	98	0.33	
1954.....	567	164	27,942	116,213	21,304	41,433	81,328	263,587	19,914	100	100	0.13	
1947.....	(NA)	(NA)	18,389	(NA)	(NA)	(NA)	(NA)	116,810	(NA)	66	91	0.13	
1939.....	289	(NA)	(NA)	(NA)	9,251	(NA)	(NA)	29,579	(NA)	(NA)	61	(NA)	
Seattle:													
1958.....	1,903	477	114,290	655,437	79,103	156,744	386,612	1,064,863	56,777	130	98	0.74	
1954.....	1,741	444	87,726	392,260	63,032	119,825	251,631	599,812	55,770	100	100	0.56	
1947.....	1,418	435	63,624	198,979	52,752	(NA)	154,126	337,255	(NA)	73	91	0.45	
1939.....	1,282	(NA)	(NA)	(NA)	29,918	(NA)	(NA)	103,336	(NA)	(NA)	61	(NA)	
South Bend:													
1958.....	332	108	34,576	194,705	22,680	43,694	115,334	342,525	13,355	79	98	0.22	
1954.....	330	108	43,622	201,674	33,025	61,276	140,295	320,106	7,552	100	100	0.28	
1947.....	259	(NA)	44,139	144,419	37,158	(NA)	117,504	234,908	(NA)	101	91	0.31	
1939.....	194	(NA)	24,178	36,930	20,819	(NA)	29,592	71,555	(NA)	55	61	0.25	
1929.....	236	(NA)	35,032	52,915	31,400	(NA)	43,691	98,430	(NA)	80	62	0.36	
1919.....	277	(NA)	(NA)	(NA)	19,957	(NA)	23,206	50,606	(NA)	(NA)	63	(NA)	
Springfield-Holyoke: ⁶													
1958.....	962	385	69,617	329,284	52,427	103,253	222,581	592,113	25,305	(NA)	98	0.45	
Syracuse:													
1958.....	760	281	66,647	349,831	43,183	84,975	191,594	679,910	25,495	98	98	0.43	
1954.....	766	274	67,697	282,164	48,653	98,093	184,841	553,701	29,604	100	100	0.43	
1947.....	(NA)	(NA)	67,639	(NA)	(NA)	(NA)	(NA)	340,137	(NA)	100	91	0.47	
1939.....	509	(NA)	(NA)	(NA)	32,967	(NA)	(NA)	104,975	(NA)	(NA)	61	(NA)	
Toledo:													
1958.....	742	247	54,114	304,199	38,620	74,243	198,283	570,107	48,492	91	98	0.35	
1954.....	710	260	59,315	285,308	45,157	87,575	197,627	516,437	30,020	100	100	0.38	
1947.....	628	(NA)	70,588	224,189	57,600	(NA)	169,729	393,578	(NA)	119	91	0.49	
1939.....	473	(NA)	37,958	61,161	30,542	(NA)	43,505	111,138	(NA)	64	61	0.40	
1929.....	605	(NA)	58,330	97,339	51,646	(NA)	75,941	206,805	(NA)	98	62	0.60	
1919.....	714	(NA)	(NA)	(NA)	44,713	(NA)	56,910	125,667	(NA)	(NA)	63	(NA)	
Utica-Rome:													
1958.....	473	171	40,251	192,756	29,185	57,686	124,431	344,834	17,409	94	98	0.26	
1954.....	503	184	42,941	168,193	34,003	65,963	122,010	328,206	10,191	100	100	0.27	
1947.....	430	(NA)	50,975	140,601	44,202	(NA)	113,932	232,985	(NA)	119	91	0.36	
1939.....	383	(NA)	35,885	41,632	32,263	(NA)	33,651	79,945	(NA)	84	61	0.38	
1929.....	515	(NA)	43,212	56,829	37,974	(NA)	43,871	106,355	(NA)	101	62	0.45	
1919.....	898	(NA)	(NA)	(NA)	43,973	(NA)	45,469	97,553	(NA)	(NA)	63	(NA)	

See footnotes at end of table.

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

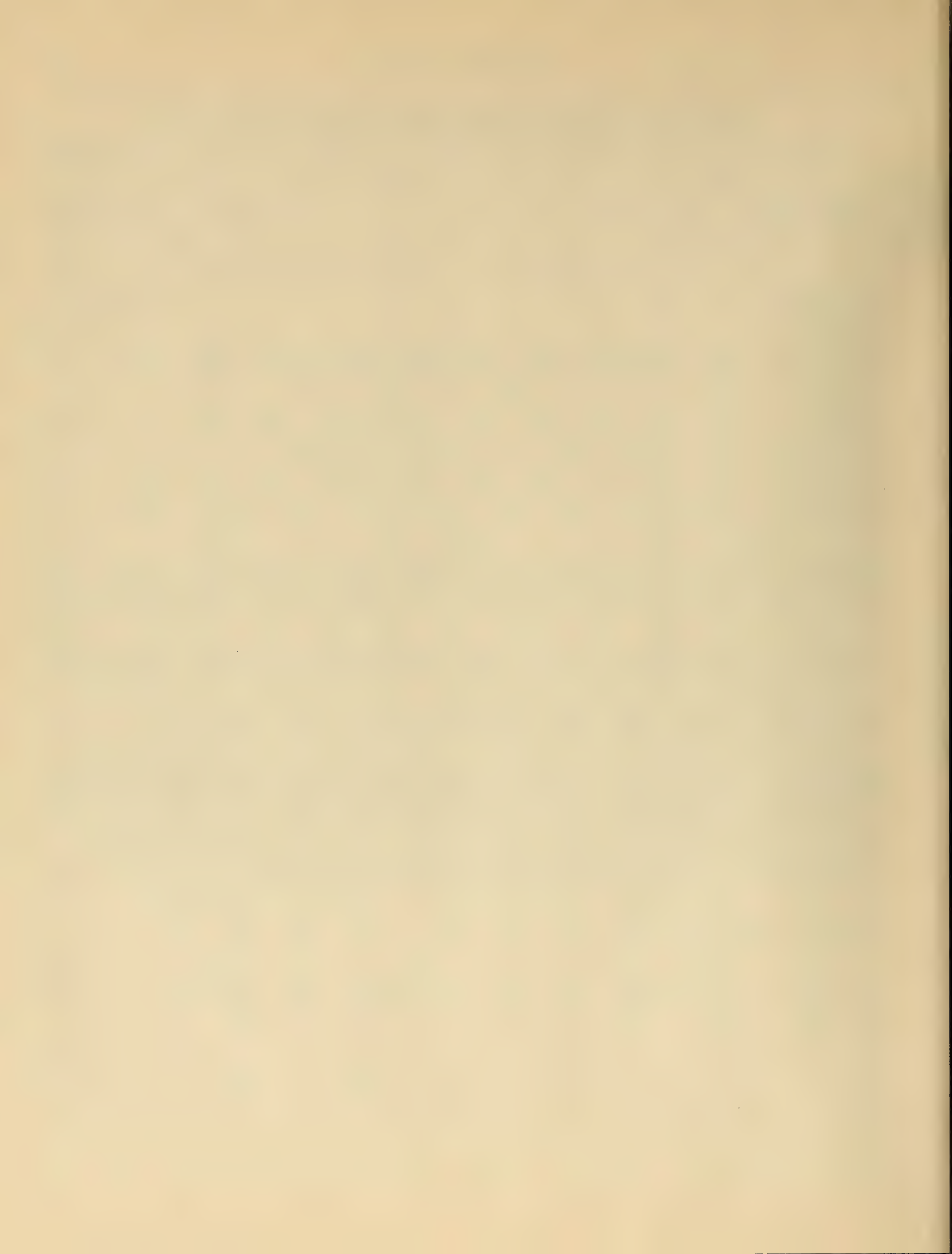
(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year ¹	Establishments, number		All employees ²		Production workers			Value added by manufacture, adjusted ³	Capital expendi- tures, new ⁴	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100		Division, State, or SMSA as a percent of the United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Division, State or SMSA	United States		
STANDARD METROPOLITAN STATISTICAL AREAS ⁵ — Continued												
Waterbury:												
1958.....	417	143	36,457	183,054	28,329	55,580	128,075	298,308	21,560	86	98	0.24
1954.....	391	(NA)	42,186	179,067	33,970	68,261	129,487	307,565	15,648	100	100	0.27
1947.....	295	(NA)	43,388	125,719	36,386	(NA)	96,557	206,291	(NA)	103	91	0.30
1939.....	180	(NA)	32,609	44,795	28,537	(NA)	34,872	81,371	(NA)	77	61	0.34
Wichita:												
1958.....	446	127	52,102	277,627	36,731	73,789	185,308	452,248	13,058	98	98	0.34
1954.....	439	121	53,190	237,206	39,093	82,375	169,904	332,703	5,880	100	100	0.34
1947.....	(NA)	(NA)	17,140	(NA)	(NA)	(NA)	(NA)	86,487	(NA)	32	91	0.12
Wilmington:												
1958.....	369	153	39,178	216,228	27,954	53,732	135,547	455,234	33,192	103	98	0.25
1954.....	344	145	37,919	170,700	28,728	55,882	114,450	387,324	24,681	100	100	0.24
1947.....	299	145	36,506	111,537	29,342	(NA)	80,261	207,254	(NA)	96	91	0.26
Worcester: ⁶												
1958.....	792	315	50,817	240,626	36,632	70,864	151,817	376,101	22,221	(NA)	98	0.33
York:												
1958.....	608	298	41,213	167,590	32,893	65,865	120,069	323,618	12,905	91	98	0.27
1954.....	624	300	45,275	161,621	36,004	73,779	113,768	282,942	18,262	100	100	0.29
1947.....	599	(NA)	42,117	101,061	35,746	(NA)	76,865	189,999	(NA)	93	91	0.29
1939.....	455	(NA)	29,909	30,224	27,114	(NA)	24,246	66,435	(NA)	66	61	0.31
1929.....	586	(NA)	33,480	37,891	30,331	(NA)	29,934	88,991	(NA)	74	62	0.35
1919.....	1,023	(NA)	(NA)	(NA)	27,117	(NA)	23,680	57,243	(NA)	(NA)	63	(NA)
Youngstown:												
1958.....	563	230	75,691	421,309	60,923	108,372	319,099	729,376	53,154	88	98	0.49
1954.....	578	238	86,255	391,134	73,128	138,500	309,312	685,996	42,122	100	100	0.55
1947.....	(NA)	(NA)	88,035	(NA)	(NA)	(NA)	(NA)	445,861	(NA)	102	91	0.62
1939.....	333	(NA)	(NA)	(NA)	52,245	(NA)	(NA)	167,572	(NA)	(NA)	61	(NA)

Note: Detailed figures may not equal totals because of independent rounding.

NA Not available.

¹For a description of the comparability of data for the various years, see footnote 1 to table 1 of the General Summary.²Employment and payroll totals for the central administrative offices and auxiliary units are not included in the statistics shown in this table. See table 5 for data relating to these units.³For the year 1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.⁴Does not include expenditures for plants under construction and not yet in operation. Figures for recent years for such capital expenditures will be shown in the expenditure section.⁵This table includes data only for standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1958 or 1954. The definitions of the standard metropolitan statistical areas are shown on pages 41-43.⁶Comparable data for years prior to 1958 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1954 Census of Manufactures Area Statistics, Volume III, for statistics for the area as defined at that time.



SIZE OF ESTABLISHMENTS

2-1

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size: 1958, 1954 and 1947

(For explanation of line captions see Introduction)

Item and year	All establishments, total	Establishments with an average of—									
		1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
Number of establishments:											
1958.....	298,182	105,641	50,660	46,820	46,307	21,764	16,132	6,240	2,757	1,363	498
1954.....	286,814	106,960	47,402	41,982	42,798	21,091	15,647	6,092	2,836	1,473	533
1947.....	240,807	70,362	46,608	40,632	40,004	18,666	14,319	5,553	2,728	1,431	504
All employees: ¹											
Number:											
1958.....	15,393,766	217,920	339,775	644,125	1,443,451	1,512,810	2,497,329	2,149,986	1,893,252	2,046,447	2,648,671
1954.....	15,645,491	258,219	336,758	600,470	1,360,091	1,474,907	2,430,255	2,118,438	1,963,305	2,226,944	2,876,072
1947.....	14,293,963	161,003	310,902	561,919	1,243,770	1,300,768	2,228,661	1,929,852	1,869,336	2,146,014	2,541,738
Payroll:											
1958.....\$1,000..	73,749,749	738,211	1,297,019	2,614,591	6,058,299	6,416,361	10,938,393	9,708,822	9,176,046	10,852,144	15,949,863
1954.....do.....	62,962,664	663,090	1,064,579	2,037,718	4,797,471	5,448,795	9,170,719	8,218,179	8,046,095	9,766,903	13,749,085
1947.....do.....	39,695,558	325,281	698,835	1,366,470	3,241,630	3,439,645	5,937,347	5,244,037	5,219,229	6,236,749	7,986,335
Value added by manufacture: ²											
1958.....do.....	141,270,297	1,831,999	2,543,890	4,837,994	11,089,100	12,023,698	21,162,398	19,291,058	18,103,226	21,448,943	28,937,990
1954.....do.....	116,848,493	1,554,297	2,008,156	3,644,703	8,351,209	9,661,529	17,143,425	15,834,820	15,450,956	18,927,036	24,272,324
1947.....do.....	74,290,475	904,069	1,444,406	2,596,439	6,039,200	6,581,058	11,772,438	10,431,881	10,110,380	11,598,271	12,812,333
Capital expenditures, new: ³											
1958.....do.....	9,075,759	293,117	216,530	344,750	643,076	607,470	1,165,086	1,122,027	1,197,765	1,416,540	2,069,398
1954.....do.....	7,816,752	135,381	137,023	213,858	466,691	556,612	1,111,172	967,151	1,084,655	1,547,518	1,596,652

See footnotes at end of Table 2.

Table 2.—Percent of Total Manufacturing Activity, for Selected Statistics, by Establishment Employment Size: 1958, 1954 and 1947

(For explanation of line captions see Introduction)

Item and year	All establishments, total	Establishments with an average of—									
		1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
Number of establishments:											
1958.....percent..	100.0	35.4	17.0	15.7	15.5	7.3	5.4	2.1	0.9	0.5	0.2
1954.....do.....	100.0	37.3	16.5	14.6	14.9	7.4	5.5	2.1	1.0	0.5	0.2
1947.....do.....	100.0	29.2	19.4	16.9	16.6	7.8	5.9	2.3	1.1	0.6	0.2
All employees: ¹											
Number:											
1958.....do.....	100.0	1.4	2.2	4.2	9.4	9.8	16.2	14.0	12.3	13.3	17.2
1954.....do.....	100.0	1.7	2.2	3.8	8.7	9.4	15.5	13.5	12.5	14.2	18.4
1947.....do.....	100.0	1.1	2.2	3.9	8.7	9.1	15.6	13.5	13.1	15.0	17.8
Payroll:											
1958.....do.....	100.0	1.0	1.8	3.5	8.2	8.7	14.8	13.2	12.4	14.7	21.6
1954.....do.....	100.0	1.1	1.7	3.2	7.6	8.7	14.6	13.1	12.8	15.5	21.8
1947.....do.....	100.0	0.8	1.8	3.4	8.2	8.7	15.0	13.2	13.1	15.7	20.1
Value added by manufacture: ²											
1958.....do.....	100.0	1.3	1.8	3.4	7.8	8.5	15.0	13.7	12.8	15.2	20.5
1954.....do.....	100.0	1.3	1.7	3.1	7.1	8.3	14.7	13.6	13.2	16.2	20.8
1947.....do.....	100.0	1.2	1.9	3.5	8.1	8.9	15.8	14.0	13.6	15.6	17.2
Capital expenditures, new: ³											
1958.....do.....	100.0	3.2	2.4	3.8	7.1	6.7	12.8	12.4	13.2	15.6	22.8
1954.....do.....	100.0	1.7	1.8	2.7	6.0	7.1	14.2	12.4	13.9	19.8	20.4

¹Excludes employment and payroll totals at administrative offices and auxiliary units.²For the years 1954 and 1958, value added by manufacture represents adjusted value added and for 1947, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.³Does not include expenditures for plants under construction and not yet in operation. Capital expenditures figures, classified by establishment employment size, are not available for the year 1947.

SIZE OF ESTABLISHMENTS

2-3

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the adjoining size class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
	All industries, total:											
	Number of establishments.....	298,182	105,641	50,660	46,820	46,307	21,764	16,132	6,240	2,757	1,363	498
	All employees:											
	Number.....	15,393,766	217,920	339,775	644,125	1,443,451	1,512,810	2,497,329	2,149,986	1,893,252	2,046,447	2,648,671
	Payroll.....\$1,000..	73,749,749	738,211	1,297,019	2,614,591	6,058,299	6,416,361	10,938,393	9,708,822	9,176,046	10,852,144	15,949,863
	Value added, adjusted...do....	141,270,297	1,831,999	2,543,890	4,837,994	11,089,100	12,023,698	21,162,398	19,291,058	18,103,226	21,448,943	28,937,990
	Capital expend., new....do....	9,075,759	293,117	216,530	344,750	643,076	607,470	1,165,086	1,122,027	1,197,765	1,416,540	2,069,398
20	Food and kindred products:											
	Number of establishments.....	41,619	12,088	7,326	7,445	7,399	3,595	2,629	772	256	89	20
	All employees:											
	Number.....	1,698,814	27,050	49,431	102,580	231,242	252,026	400,783	262,598	172,324	129,144	71,636
	Payroll.....\$1,000..	7,553,284	80,988	162,855	365,675	903,374	1,055,625	1,797,765	1,227,861	856,144	689,893	413,104
	Value added, adjusted...do....	17,532,558	252,191	384,550	806,203	2,024,038	2,514,908	4,118,695	2,962,045	1,948,338	1,592,830	928,760
	Capital expend., new....do....	964,624	35,005	36,491	66,029	131,152	138,888	223,863	138,142	97,084	68,635	29,335
21	Tobacco products:											
	Number of establishments.....	504	147	44	33	86	56	60	45	14	15	4
	All employees:											
	Number.....	84,467	258	282	438	2,893	3,975	9,841	16,174	9,120	25,488	15,998
	Payroll.....\$1,000..	294,650	444	580	1,461	9,623	11,847	28,029	49,684	27,080	97,417	68,485
	Value added, adjusted...do....	1,413,460	1,191	1,422	1,266	20,341	25,015	72,854	123,276	53,404	590,590	524,101
	Capital expend., new....do....	38,069	(1)	(1)	(1)	5,322	1,257	2,472	3,763	2,560	10,733	11,540
22	Textile mill products:											
	Number of establishments.....	7,675	1,176	816	1,066	1,547	1,039	1,083	541	301	96	10
	All employees:											
	Number.....	901,677	2,515	5,544	15,010	49,786	72,401	173,256	189,099	207,463	137,360	49,243
	Payroll.....\$1,000..	2,938,140	9,055	20,275	55,153	171,093	241,822	577,595	609,818	656,105	435,222	162,002
	Value added, adjusted...do....	4,857,638	26,118	45,148	105,334	300,653	402,696	961,633	1,019,898	1,063,737	695,856	236,565
	Capital expend., new....do....	211,744	2,426	3,509	5,714	12,710	15,182	43,241	42,951	43,333	31,820	10,858
23	Apparel and related products:											
	Number of establishments.....	29,297	7,130	4,221	4,938	7,042	3,307	1,941	543	146	28	1
	All employees:											
	Number.....	1,180,517	15,282	28,676	69,074	222,725	228,156	294,213	182,905	94,738	44,748	(D)
	Payroll.....\$1,000..	3,585,646	53,400	108,609	244,045	716,008	691,203	833,846	502,966	281,056	154,513	(D)
	Value added, adjusted...do....	6,003,853	156,810	232,384	478,103	1,199,573	1,062,899	1,301,563	852,208	467,726	252,588	(D)
	Capital expend., new....do....	89,450	10,543	8,210	9,630	16,421	11,113	16,765	8,530	5,032	3,208	(D)
24	Lumber and wood products:											
	Number of establishments.....	37,789	19,517	7,174	5,214	3,474	1,443	718	187	55	6	1
	All employees:											
	Number.....	581,302	38,020	47,453	70,229	106,150	99,424	109,009	64,039	37,346	9,632	(D)
	Payroll.....\$1,000..	1,986,109	87,543	113,595	186,342	349,683	358,551	418,614	265,997	161,165	44,619	(D)
	Value added, adjusted...do....	3,176,613	179,019	191,058	298,625	563,471	582,054	666,809	399,280	240,638	55,659	(D)
	Capital expend., new....do....	276,893	47,018	29,900	31,507	40,402	33,227	42,165	29,038	18,297	5,339	(D)
25	Furniture and fixtures:											
	Number of establishments.....	10,160	3,646	1,739	1,600	1,640	766	520	177	54	17	1
	All employees:											
	Number.....	347,599	7,529	11,557	22,028	51,453	53,763	79,588	60,192	35,705	25,784	(D)
	Payroll.....\$1,000..	1,388,669	26,477	43,736	88,453	205,284	217,425	311,762	239,384	145,376	110,772	(D)
	Value added, adjusted...do....	2,349,488	56,442	73,138	142,084	333,236	356,282	519,033	419,122	260,101	190,050	(D)
	Capital expend., new....do....	81,746	6,187	4,717	7,818	11,167	12,145	16,679	10,622	6,586	5,825	(D)
26	Paper and allied products:											
	Number of establishments.....	5,271	774	528	745	1,095	727	861	328	152	56	5
	All employees:											
	Number.....	555,398	1,722	3,584	10,519	35,540	51,554	135,506	111,996	103,291	87,400	14,286
	Payroll.....\$1,000..	2,779,885	6,024	13,789	41,160	146,966	229,132	662,012	574,803	551,789	465,507	88,703
	Value added, adjusted...do....	5,707,474	14,842	27,451	78,675	276,968	448,680	1,299,196	1,134,079	1,245,257	1,055,517	126,809
	Capital expend., new....do....	618,488	3,034	3,241	10,868	28,582	46,453	108,188	103,630	169,536	117,001	27,955
27	Printing and publishing:											
	Number of establishments.....	35,368	16,517	6,985	5,030	3,971	1,478	889	278	126	80	14
	All employees:											
	Number.....	864,101	34,191	46,258	68,162	120,209	101,751	136,225	96,497	87,192	120,600	53,016
	Payroll.....\$1,000..	4,479,679	123,457	194,580	320,003	611,079	539,390	717,825	500,027	470,438	669,564	333,316
	Value added, adjusted...do....	7,922,962	298,042	353,639	531,501	1,001,205	903,813	1,275,350	923,270	868,560	1,133,122	634,459
	Capital expend., new....do....	408,610	48,286	25,210	33,375	45,844	37,775	44,741	43,770	32,479	65,998	31,132
28	Chemicals and allied products:											
	Number of establishments.....	11,309	4,034	1,794	1,730	1,790	818	641	254	133	80	35
	All employees:											
	Number.....	699,166	8,330	12,145	23,607	55,667	57,140	100,529	88,692	93,525	122,914	136,617
	Payroll.....\$1,000..	3,947,175	32,280	56,595	116,378	278,638	292,229	527,615	499,320	548,965	722,194	872,961
	Value added, adjusted...do....	12,270,371	100,855	147,477	294,517	742,253	822,090	1,686,477	1,839,915	2,031,242	2,126,792	2,478,753
	Capital expend., new....do....	1,115,806	12,075	12,779	33,309	70,463	67,182	144,101	183,819	224,594	208,207	159,277

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
29	Petroleum and coal products:											
	Number of establishments.....	1,608	368	315	272	224	152	141	69	33	21	13
	All employees:											
	Number.....	179,166	812	2,154	3,781	6,893	10,419	21,464	25,442	22,247	30,769	55,185
	Payroll.....\$1,000..	1,116,673	3,748	11,160	20,102	36,791	56,482	122,567	160,683	143,595	195,304	366,241
	Value added, adjusted...do....	2,518,424	11,105	30,647	51,258	85,813	125,378	373,582	372,374	416,569	409,567	642,131
	Capital expend., new....do....	671,926	1,848	3,368	4,954	6,588	22,013	111,156	104,553	83,429	105,146	228,871
30	Rubber and plastics products, nec:											
	Number of establishments.....	4,462	1,290	645	700	830	438	315	125	60	44	15
	All employees:											
	Number.....	347,842	2,665	4,352	9,830	26,650	30,796	49,237	44,523	42,579	66,514	70,696
	Payroll.....\$1,000..	1,723,295	9,430	17,338	39,456	114,260	129,991	223,507	210,174	208,839	364,550	405,750
	Value added, adjusted...do....	3,276,612	21,489	35,668	76,085	216,194	246,677	402,132	379,158	338,219	830,780	730,210
	Capital expend., new....do....	196,896	8,825	4,245	6,787	17,396	14,777	20,183	20,972	16,750	43,611	43,350
31	Leather and leather products:											
	Number of establishments.....	4,534	1,105	569	635	763	476	528	372	78	7	1
	All employees:											
	Number.....	349,050	2,281	3,851	8,911	24,356	33,662	83,167	129,235	50,482	13,105	(D)
	Payroll.....\$1,000..	1,145,683	6,879	12,307	28,057	80,783	114,927	270,636	409,872	168,930	53,292	(D)
	Value added, adjusted...do....	1,897,465	17,753	26,599	52,418	134,773	181,353	435,276	699,125	261,790	88,378	(D)
	Capital expend., new....do....	31,736	694	813	1,817	3,277	3,928	6,963	9,218	3,621	1,405	(D)
32	Stone, clay, and glass products:											
	Number of establishments.....	15,022	4,964	2,831	2,749	2,395	968	700	274	91	45	5
	All employees:											
	Number.....	554,042	10,805	19,078	37,862	73,400	66,355	108,648	91,544	62,859	67,857	15,634
	Payroll.....\$1,000..	2,594,971	37,319	74,958	164,377	332,089	294,503	501,580	438,665	312,802	351,659	87,019
	Value added, adjusted...do....	5,528,952	99,005	162,737	326,365	652,823	572,952	1,154,633	1,047,180	626,740	754,414	132,103
	Capital expend., new....do....	442,286	26,191	23,760	37,485	51,978	37,377	91,791	86,746	32,051	37,754	17,153
33	Primary metal industries:											
	Number of establishments.....	6,446	1,270	839	926	1,218	731	688	380	200	123	71
	All employees:											
	Number.....	1,096,359	2,725	5,715	12,942	38,631	51,656	109,861	132,753	139,649	188,785	413,642
	Payroll.....\$1,000..	6,303,447	11,363	25,641	58,721	182,110	254,087	556,285	719,206	783,919	1,121,098	2,591,017
	Value added, adjusted...do....	11,671,341	22,341	44,130	96,986	298,413	449,314	975,241	1,322,453	1,437,445	2,066,552	4,958,466
	Capital expend., new....do....	1,427,619	5,072	3,175	8,642	36,952	33,771	51,988	92,363	145,193	245,543	804,920
34	Fabricated metal products:											
	Number of establishments.....	24,782	7,941	4,177	4,352	4,246	1,892	1,375	480	231	74	14
	All employees:											
	Number.....	1,057,986	16,411	28,195	60,118	131,673	130,475	213,475	164,892	156,642	97,868	58,237
	Payroll.....\$1,000..	5,412,405	63,893	123,758	280,572	639,828	646,214	1,084,502	865,117	848,692	536,796	323,033
	Value added, adjusted...do....	9,412,183	145,668	224,931	483,270	1,084,190	1,127,557	1,895,175	1,535,986	1,522,702	919,031	473,673
	Capital expend., new....do....	458,397	16,180	14,097	29,539	56,742	45,103	86,265	74,002	66,306	44,611	25,552
35	Machinery, except electrical:											
	Number of establishments.....	29,839	12,088	5,634	4,757	3,817	1,458	1,106	478	292	155	54
	All employees:											
	Number.....	1,348,245	24,044	37,820	65,037	116,508	101,215	170,433	165,512	202,865	232,498	232,313
	Payroll.....\$1,000..	7,303,661	102,623	184,115	339,438	640,825	544,947	919,037	889,142	1,092,963	1,299,391	1,291,180
	Value added, adjusted...do....	12,391,190	232,163	315,436	541,495	1,027,157	914,174	1,569,257	1,491,761	1,849,772	2,069,724	2,380,251
	Capital expend., new....do....	676,419	47,819	24,101	30,564	52,986	41,086	58,003	62,167	100,312	108,472	150,909
36	Electrical machinery:											
	Number of establishments.....	8,091	2,103	1,077	1,112	1,293	820	754	446	247	179	60
	All employees:											
	Number.....	1,122,284	4,405	7,282	15,617	41,332	57,606	118,012	153,314	172,520	271,565	280,631
	Payroll.....\$1,000..	5,605,985	17,130	30,494	69,049	180,536	255,964	540,729	703,126	840,379	1,390,059	1,578,519
	Value added, adjusted...do....	10,395,369	38,619	56,231	123,874	333,404	463,075	993,744	1,362,728	1,575,539	2,601,461	2,846,694
	Capital expend., new....do....	449,925	4,367	4,446	7,910	18,690	16,437	45,987	50,834	80,930	102,305	118,019
37	Transportation equipment:											
	Number of establishments.....	6,607	2,099	923	923	1,001	528	450	225	156	168	134
	All employees:											
	Number.....	1,557,759	4,218	6,203	12,844	31,249	36,621	70,716	78,310	112,692	270,175	934,731
	Payroll.....\$1,000..	9,164,581	16,017	26,355	58,184	150,676	180,473	358,824	419,240	631,947	1,588,252	5,734,613
	Value added, adjusted...do....	15,283,694	33,070	47,442	96,984	252,571	296,977	595,315	650,658	1,063,465	3,002,779	9,244,433
	Capital expend., new....do....	608,273	5,131	4,617	5,464	15,836	12,367	21,932	29,809	41,712	168,148	303,257
38	Instruments and related products:											
	Number of establishments.....	3,526	1,297	554	482	514	258	209	103	58	33	18
	All employees:											
	Number.....	296,558	2,685	3,704	6,624	16,390	17,869	32,858	35,952	41,743	47,018	91,715
	Payroll.....\$1,000..	1,578,481	10,083	16,186	29,983	74,924	84,477	156,682	181,123	214,053	244,978	565,992
	Value added, adjusted...do....	2,906,390	23,634	32,003	57,028	133,189	159,604	287,625	338,472	414,552	448,855	1,011,428
	Capital expend., new....do....	123,621	1,690	1,537	3,364	4,181	5,449	8,122	11,819	15,488	22,265	49,706

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-5

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
39	Miscellaneous manufactures: ²											
	Number of establishments.....	14,273	6,087	2,469	2,111	1,962	814	524	163	74	47	22
	All employees:											
	Number.....	571,434	11,972	16,491	28,912	60,704	55,946	80,508	56,317	48,270	69,451	142,863
	Payroll.....\$1,000..	2,847,330	40,058	60,093	107,982	233,729	217,072	328,981	242,614	231,809	368,338	1,016,654
	Value added, adjusted...do....	4,754,260	101,642	111,800	195,923	408,835	368,200	578,808	418,070	417,430	634,704	1,518,848
	Capital expend., new...do....	183,231	10,640	8,218	9,734	16,387	11,940	20,481	15,279	12,472	22,812	55,268
20	Food and kindred products:											
	Number of establishments.....	41,619	12,088	7,326	7,445	7,399	3,595	2,629	772	256	89	20
	All employees:											
	Number.....	1,698,814	27,050	49,431	102,580	231,242	252,026	400,783	262,598	172,324	129,144	71,636
	Payroll.....\$1,000..	7,553,284	80,988	162,855	365,675	903,374	1,055,625	1,797,765	1,227,861	856,144	689,893	413,104
	Value added, adjusted...do....	17,532,558	252,191	384,550	806,203	2,024,038	2,514,908	4,118,695	2,962,045	1,948,338	1,592,830	928,760
	Capital expend., new...do....	964,624	35,005	36,491	66,029	131,152	138,888	223,863	138,142	97,084	68,635	29,335
2011	Meat Packing:											
	Number of establishments.....	2,801	1,054	387	383	456	212	156	75	38	30	10
	All employees:											
	Number.....	200,783	2,130	2,602	5,239	14,372	14,651	24,030	27,442	26,100	46,526	37,691
	Payroll.....\$1,000..	1,067,896	5,914	8,825	20,699	64,978	69,502	124,023	149,842	146,647	257,343	220,123
	Value added, adjusted...do....	1,746,603	35,900	29,737	52,222	139,104	140,005	218,205	235,232	188,583	374,762	332,853
	Value of shipments...do....	11,962,273	94,028	125,643	308,710	1,027,830	1,132,529	1,844,562	1,867,170	1,344,168	2,399,002	1,818,631
	Capital expend., new...do....	63,129	3,247	2,957	4,876	6,842	7,500	8,222	6,338	5,163	10,643	7,341
2013	Prepared meats:											
	Number of establishments.....	1,494	463	253	282	263	111	96	20	5	1	...
	All employees:											
	Number.....	48,586	1,044	1,682	3,936	8,081	8,018	14,483	6,974	4,368	(D)	...
	Payroll.....\$1,000..	236,915	3,379	6,582	16,806	37,800	40,321	73,231	35,969	22,827	(D)	...
	Value added, adjusted...do....	442,058	14,481	16,706	32,952	73,205	77,060	125,591	60,396	41,667	(D)	...
	Value of shipments...do....	2,066,257	33,829	61,785	156,259	352,619	345,021	621,741	283,159	211,844	(D)	...
	Capital expend., new...do....	17,028	1,287	690	1,809	3,296	2,595	4,127	2,006	1,218	(D)	...
2015	Poultry dressing plants:											
	Number of establishments.....	1,233	324	148	167	182	206	167	36	3	...	...
	All employees:											
	Number.....	62,389	705	984	2,295	5,931	14,940	24,232	13,302	(D)	...	...
	Payroll.....\$1,000..	160,813	1,479	2,447	5,645	14,002	38,256	63,444	35,540	(D)	...	...
	Value added, adjusted...do....	310,572	4,816	6,735	10,746	27,494	70,899	128,160	61,722	(D)	...	...
	Value of shipments...do....	1,888,166	19,583	27,341	67,642	160,928	472,775	777,394	362,503	(D)	...	...
	Capital expend., new...do....	24,579	707	675	2,082	2,180	7,153	6,652	5,130	(D)	...	...
2021	Creamery butter:											
	Number of establishments.....	1,058	325	297	208	159	44	22	3	...	...	...
	All employees:											
	Number.....	17,295	829	1,970	2,808	4,729	2,901	3,124	934	...	...	...
	Payroll.....\$1,000..	62,875	2,510	6,228	9,472	17,486	10,739	12,487	3,953	...	...	...
	Value added, adjusted...do....	147,207	9,900	16,794	21,974	40,553	24,678	24,505	8,803	...	...	...
	Value of shipments...do....	1,023,460	52,130	117,599	163,438	292,662	174,628	174,561	48,442	...	...	...
	Capital expend., new...do....	15,309	876	1,766	2,224	4,413	2,443	2,446	1,141	...	...	...
2022	Natural cheese:											
	Number of establishments.....	1,203	615	249	179	117	32	7	4	...	...	...
	All employees:											
	Number.....	13,461	1,314	1,627	2,464	3,423	2,224	945	1,464	...	...	...
	Payroll.....\$1,000..	49,389	4,487	4,902	8,615	12,876	8,629	3,351	6,529	...	...	...
	Value added, adjusted...do....	109,098	15,851	11,242	15,702	24,025	19,804	7,655	14,819	...	...	...
	Value of shipments...do....	684,248	96,081	79,355	101,850	130,870	106,520	35,536	134,036	...	...	...
	Capital expend., new...do....	12,884	1,616	1,372	2,883	2,074	1,390	(1)	3,264	...	...	...
2023	Condensed and evaporated milk:											
	Number of establishments.....	313	36	37	38	101	70	31	...	...	...	...
	All employees:											
	Number.....	13,445	84	246	542	3,190	4,898	4,485	...	...	...	...
	Payroll.....\$1,000..	61,443	353	964	2,461	14,202	22,706	20,757	...	...	...	...
	Value added, adjusted...do....	202,709	1,402	2,790	5,914	41,160	85,040	66,403	...	...	...	...
	Value of shipments...do....	820,649	4,392	9,399	31,294	199,420	329,535	246,609	...	...	...	...
	Capital expend., new...do....	12,746	(1)	(1)	1,088	2,116	5,469	3,853	...	...	...	...
2024	Ice cream and frozen desserts:											
	Number of establishments.....	1,382	418	252	258	268	126	48	11	1	...	...
	All employees:											
	Number.....	34,562	912	1,738	3,622	8,467	8,595	6,846	4,382	(D)	...	...
	Payroll.....\$1,000..	153,042	2,534	6,328	13,648	35,274	40,046	34,115	21,097	(D)	...	...
	Value added, adjusted...do....	393,037	5,683	12,368	30,154	84,525	105,185	93,766	61,356	(D)	...	...
	Value of shipments...do....	946,504	18,821	36,587	82,230	214,643	247,963	219,397	126,863	(D)	...	...
	Capital expend., new...do....	26,057	1,100	1,475	2,536	5,781	6,670	7,002	1,493	(D)	...	...
2025	Special dairy products:											
	Number of establishments.....	107	32	24	16	19	6	6	4	...	...	...
	All employees:											
	Number.....	3,571	63	156	238	569	375	2,170	(D)	...	...	...
	Payroll.....\$1,000..	13,600	175	522	944	1,921	1,266	8,772	(D)	...	...	...
	Value added, adjusted...do....	23,923	930	1,298	2,527	3,907	2,263	12,998	(D)	...	...	...
	Value of shipments...do....	189,366	2,676	3,350	7,658	21,856	19,439	134,387	(D)	...	...	...
	Capital expend., new...do....	1,509	(1)	(1)	(1)	(1)	(1)	838	(D)	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2026	Fluid milk:											
	Number of establishments.....	5,816	1,456	1,069	1,055	1,148	575	386	104	24	...	...
	All employees:											
	Number.....	211,468	3,535	7,223	14,551	36,501	40,205	58,922	34,860	15,671	...	...
	Payroll.....\$1,000..	1,005,677	11,637	25,653	55,839	156,665	192,050	296,249	178,781	88,803	...	...
	Value added, adjusted..do....	1,990,805	26,779	56,163	111,030	317,004	402,287	561,892	356,037	159,613	...	...
	Value of shipments.....do....	6,412,333	129,497	214,559	396,322	1,107,209	1,314,931	1,776,939	1,010,962	461,914	...	...
	Capital expend., new...do....	132,466	5,181	7,047	11,923	23,747	22,212	32,948	21,197	8,211	...	...
2031	Canned and cured seafood:											
	Number of establishments.....	333	75	44	46	99	51	9	6	2	1	...
	All employees:											
	Number.....	14,713	165	298	601	3,314	3,535	1,482	2,180	3,138	(D)	...
	Payroll.....\$1,000..	46,129	550	883	1,704	8,924	9,264	4,846	7,497	12,461	(D)	...
	Value added, adjusted..do....	100,242	1,781	1,907	3,739	17,698	19,834	9,615	16,862	28,806	(D)	...
	Value of production....do....	325,088	5,290	6,714	11,656	58,647	58,916	29,081	59,916	94,868	(D)	...
	Capital expend., new...do....	2,524	(1)	(1)	(1)	626	(1)	(1)	(1)	798	(D)	...
2032	Canned specialties:											
	Number of establishments.....	107	14	11	13	20	15	11	14	3	4	2
	All employees:											
	Number.....	24,186	39	85	187	627	1,126	1,707	5,005	15,410	(D)	(D)
	Payroll.....\$1,000..	109,479	128	332	614	2,343	3,124	6,931	17,158	78,849	(D)	(D)
	Value added, adjusted..do....	340,847	215	636	1,353	5,218	7,132	22,576	56,389	247,328	(D)	(D)
	Value of production....do....	846,881	636	1,769	3,922	14,568	24,921	59,774	156,320	584,971	(D)	(D)
	Capital expend., new...do....	16,409	(1)	(1)	(1)	(1)	(1)	962	1,983	12,702	(D)	(D)
2033	Canned fruits and vegetables:											
	Number of establishments.....	1,607	285	149	260	377	250	205	61	19	1	...
	All employees:											
	Number.....	100,084	605	1,007	3,625	12,209	17,612	31,261	20,759	13,006	(D)	...
	Payroll.....\$1,000..	319,694	2,107	3,362	11,002	35,261	49,942	98,456	69,356	50,208	(D)	...
	Value added, adjusted..do....	808,306	4,898	6,399	24,005	76,944	114,786	239,122	190,112	152,040	(D)	...
	Value of production....do....	2,227,041	13,912	20,366	70,024	222,604	320,622	665,757	506,079	407,677	(D)	...
	Capital expend., new...do....	40,131	(1)	(1)	2,037	3,799	4,739	13,016	10,832	4,925	(D)	...
2034	Dehydrated fruits and vegetables:											
	Number of establishments.....	161	49	23	22	28	13	20	5	1	...	...
	All employees:											
	Number.....	7,599	91	154	302	945	963	3,007	2,137	(D)	...	...
	Payroll.....\$1,000..	28,338	504	590	1,014	3,273	3,801	10,623	8,533	(D)	...	...
	Value added, adjusted..do....	75,529	708	2,265	6,415	10,107	9,780	24,004	22,250	(D)	...	...
	Value of production....do....	273,286	3,505	9,357	19,700	35,123	28,639	78,284	98,678	(D)	...	...
	Capital expend., new...do....	6,686	(1)	(1)	(1)	(1)	(1)	4,261	1,208	(D)	...	...
2035	Pickles and sauces:											
	Number of establishments.....	619	224	93	97	112	45	32	15	1	...	...
	All employees:											
	Number.....	19,500	454	630	1,329	3,494	2,997	5,057	5,539	(D)	...	...
	Payroll.....\$1,000..	70,494	1,306	2,032	4,402	11,136	10,499	17,873	23,246	(D)	...	...
	Value added, adjusted..do....	164,624	3,568	4,566	9,229	22,402	26,110	37,454	61,295	(D)	...	...
	Value of production....do....	525,309	10,357	14,576	26,849	69,917	73,432	134,626	195,552	(D)	...	...
	Capital expend., new...do....	11,197	(1)	(1)	(1)	1,385	972	2,883	4,833	(D)	...	...
2036	Fresh and frozen packaged fish:											
	Number of establishments.....	440	62	68	87	134	53	27	8	1	...	...
	All employees:											
	Number.....	17,469	143	447	1,198	4,151	3,601	4,318	3,611	(D)	...	...
	Payroll.....\$1,000..	40,918	385	892	2,646	8,775	8,349	10,110	9,761	(D)	...	...
	Value added, adjusted..do....	82,368	2,041	2,270	5,692	15,999	16,679	21,890	17,797	(D)	...	...
	Value of production....do....	307,399	3,723	7,959	17,623	57,809	66,335	85,277	68,673	(D)	...	...
	Capital expend., new...do....	3,637	(1)	(1)	(1)	866	978	529	506	(D)	...	...
2037	Frozen fruits and vegetables:											
	Number of establishments.....	426	51	46	66	81	57	88	23	13	1	...
	All employees:											
	Number.....	39,528	119	333	902	2,657	4,098	13,620	7,897	9,902	(D)	...
	Payroll.....\$1,000..	126,804	358	988	2,380	9,281	13,916	41,966	23,953	33,962	(D)	...
	Value added, adjusted..do....	323,789	702	2,228	7,364	22,421	37,554	114,597	61,102	77,821	(D)	...
	Value of production....do....	1,025,897	5,114	8,156	21,421	65,612	108,434	373,094	192,577	251,489	(D)	...
	Capital expend., new...do....	19,613	538	(1)	(1)	1,774	1,856	8,250	2,471	4,195	(D)	...
2041	Flour and meal:											
	Number of establishments.....	814	338	136	90	101	70	63	12	3	1	...
	All employees:											
	Number.....	28,215	720	906	1,222	3,330	5,052	9,949	4,082	2,954	(D)	...
	Payroll.....\$1,000..	140,121	1,814	2,850	4,564	14,788	25,387	53,072	21,475	16,171	(D)	...
	Value added, adjusted..do....	393,053	5,175	6,376	9,558	41,831	73,261	156,184	67,640	33,028	(D)	...
	Value of shipments.....do....	2,086,706	19,609	26,413	48,809	238,407	436,547	830,852	301,169	184,900	(D)	...
	Capital expend., new...do....	22,109	1,022	831	1,084	2,677	4,365	7,045	2,799	2,286	(D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-7

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2042	Prepared animal feeds:											
	Number of establishments.....	2,379	663	480	521	436	165	95	17	2	...	...
	All employees:											
	Number.....	57,313	1,588	3,251	7,094	13,497	11,593	14,001	6,289	(D)	...	...
	Payroll.....\$1,000..	252,346	5,242	11,385	28,568	56,669	51,814	69,147	29,521	(D)	...	...
	Value added, adjusted..do...	798,892	20,907	33,005	72,305	155,036	161,794	255,361	100,484	(D)	...	...
	Value of shipments.....do...	3,238,414	80,858	127,140	310,299	659,653	691,955	1,022,247	346,262	(D)	...	...
2043	Capital expend., new...do....	54,863	2,578	4,957	7,337	14,738	8,923	10,652	5,678	(D)	...	...
	Cereal preparations:											
	Number of establishments.....	43	10	6	2	8	3	4	5	2	2	1
	All employees:											
	Number.....	10,927	25	79	(D)	278	191	587	1,640	8,127	(D)	(D)
	Payroll.....\$1,000..	61,902	53	360	(D)	1,633	784	3,217	9,875	45,980	(D)	(D)
	Value added, adjusted..do...	243,088	183	861	(D)	6,976	4,227	15,727	27,806	187,308	(D)	(D)
2044	Value of shipments.....do...	444,132	328	2,182	(D)	13,002	7,293	28,009	56,873	336,445	(D)	(D)
	Capital expend., new...do....	7,521	(1)	(D)	(D)	(1)	(1)	664	550	5,687	(D)	(D)
	Rice milling:											
	Number of establishments.....	72	7	3	11	23	19	9	...	...	...	...
	All employees:											
	Number.....	3,843	30	24	199	798	1,253	1,539	...	...	...	...
	Payroll.....\$1,000..	14,286	66	80	623	2,770	3,972	6,775	...	...	...	...
2045	Value added, adjusted..do...	53,152	71	569	2,218	7,316	18,146	24,832	...	...	...	...
	Value of shipments.....do...	312,061	741	1,246	8,048	56,694	104,496	140,836	...	...	...	...
	Capital expend., new...do....	1,442	(1)	(1)	(1)	(1)	(1)	591	...	...	...	...
	Blended and prepared flour:											
	Number of establishments.....	117	47	23	17	12	6	6	4	2	...	...
	All employees:											
	Number.....	4,894	98	150	246	417	419	884	2,680	(D)	...	...
2046	Payroll.....\$1,000..	28,353	364	695	1,192	2,220	2,451	6,126	15,305	(D)	...	...
	Value added, adjusted..do...	118,073	979	1,414	3,199	7,130	7,759	16,238	81,354	(D)	...	...
	Value of shipments.....do...	279,364	3,474	3,789	10,292	18,094	21,051	45,098	177,566	(D)	...	...
	Capital expend., new...do....	8,606	(1)	(1)	(1)	(1)	(1)	3,156	4,736	(D)	...	...
	Wet corn milling:											
	Number of establishments.....	59	12	10	11	11	1	2	3	3	5	1
	All employees:											
2051	Number.....	13,792	33	75	158	273	287	(D)	1,031	2,084	9,851	(D)
	Payroll.....\$1,000..	78,767	124	323	660	1,266	1,434	(D)	6,203	12,475	56,282	(D)
	Value added, adjusted..do...	249,435	203	1,086	2,628	3,346	3,434	(D)	25,729	36,213	176,796	(D)
	Value of shipments.....do...	528,530	742	2,679	5,725	5,916	12,194	(D)	52,703	75,866	372,705	(D)
	Capital expend., new...do....	18,056	(1)	(1)	607	(1)	(D)	(D)	1,436	4,159	11,480	(D)
	Bread and related products:											
	Number of establishments.....	5,985	1,689	1,089	1,058	897	544	523	142	34	8	1
2051-02	All employees:											
	Number.....	256,963	3,896	7,348	14,505	27,762	39,024	81,524	46,547	23,828	12,529	(D)
	Payroll.....\$1,000..	1,154,240	9,849	20,077	44,437	99,307	172,515	396,906	229,230	123,659	58,260	(D)
	Value added, adjusted..do...	2,110,820	21,785	37,572	77,898	183,686	323,312	737,124	425,269	205,216	98,958	(D)
	Value of shipments.....do...	4,098,612	54,878	79,287	156,047	351,157	637,467	1,441,938	829,664	375,423	172,751	(D)
	Capital expend., new...do....	99,240	5,432	3,154	4,731	8,336	13,894	32,646	17,812	6,298	6,937	(D)
	Wholesale bakeries: ³											
2051-03	Number of establishments.....	5,199	1,561	974	908	742	462	431	100	17	4	...
	All employees:											
	Number.....	193,527	3,611	6,566	12,450	22,907	33,031	66,998	32,227	15,737	(D)	...
	Payroll.....\$1,000..	873,317	9,071	17,961	38,511	83,076	149,341	331,721	161,784	81,852	(D)	...
	Value added, adjusted..do...	1,605,289	19,888	33,930	68,366	152,687	274,388	618,953	301,284	135,793	(D)	...
	Value of shipments.....do...	3,130,415	50,769	71,354	136,782	292,877	542,203	1,209,766	581,148	245,516	(D)	...
	Capital expend., new...do....	76,821	5,311	2,990	4,370	7,436	11,901	27,507	13,616	3,690	(D)	...
2051-04	Grocery chain bakeries:											
	Number of establishments.....	178	24	14	12	31	32	42	20	3	...	...
	All employees:											
	Number.....	18,869	59	96	165	1,035	2,366	6,689	8,459	(D)	...	...
	Payroll.....\$1,000..	87,131	203	265	570	4,486	9,787	31,169	40,651	(D)	...	...
	Value added, adjusted..do...	168,800	444	457	944	10,566	24,762	58,898	72,729	(D)	...	...
	Value of shipments.....do...	382,499	1,033	1,089	1,972	20,795	49,940	134,310	173,360	(D)	...	...
2051-05	Capital expend., new...do....	7,471	(1)	(1)	(1)	(1)	1,042	3,217	2,908	(D)	...	...
	Home service bakeries:											
	Number of establishments.....	361	90	65	60	53	24	37	19	9	3	1
	All employees:											
	Number.....	30,502	187	420	783	1,607	1,753	6,012	6,217	7,061	6,462	(D)
	Payroll.....\$1,000..	142,461	470	1,104	2,258	5,219	7,211	28,018	30,541	37,749	29,891	(D)
	Value added, adjusted..do...	244,378	1,223	1,911	3,598	10,274	12,440	47,015	60,249	55,842	51,826	(D)
2051-06	Value of shipments.....do...	406,108	2,653	4,245	7,873	18,319	22,847	77,143	101,790	87,163	84,075	(D)
	Capital expend., new...do....	9,881	(1)	(1)	(1)	(1)	535	1,567	1,395	2,341	3,519	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	
2051-06	Retail multi-outlet bakeries:											
	Number of establishments.....	247	14	36	78	71	26	13	3	5	1	...
	All employees:											
	Number.....	14,065	39	266	1,107	2,213	1,874	1,825	6,741	(D)	(D)	...
	Payroll.....\$1,000..	51,331	105	747	3,098	6,526	6,176	5,998	28,681	(D)	(D)	...
	Value added, adjusted..do....	92,353	230	1,274	4,990	10,159	11,722	12,262	51,716	(D)	(D)	...
	Value of shipments.....do....	179,590	423	2,599	9,420	19,166	22,477	20,719	104,786	(D)	(D)	...
	Capital expend., new...do....	5,067	(1)	(1)	(1)	(1)	(1)	(1)	3,578	(D)	(D)	...
2052	Biscuit and crackers:											
	Number of establishments.....	334	45	36	50	72	43	38	23	21	5	1
	All employees:											
	Number.....	44,333	108	246	711	2,237	3,128	6,012	7,673	14,789	9,429	(D)
	Payroll.....\$1,000..	179,390	272	681	2,299	8,048	11,790	22,920	28,681	64,216	40,483	(D)
	Value added, adjusted..do....	522,490	679	1,388	4,137	18,433	28,919	54,784	66,543	196,983	150,624	(D)
	Value of shipments.....do....	980,780	1,412	3,110	8,729	38,112	57,181	120,024	132,453	365,320	254,439	(D)
	Capital expend., new...do....	15,502	(1)	(1)	(1)	1,046	818	2,098	1,958	6,018	3,228	(D)
2061	Raw cane sugar:											
	Number of establishments.....	50	4	2	...	17	20	6	1	...	...	...
	All employees:											
	Number.....	3,011	18	(D)	...	652	1,342	999	(D)	...	...	...
	Payroll.....\$1,000..	9,388	63	(D)	...	1,952	4,276	3,097	(D)	...	...	...
	Value added, adjusted..do....	21,841	140	(D)	...	4,275	9,675	7,751	(D)	...	...	...
	Value of shipments.....do....	72,553	392	(D)	...	14,496	32,943	24,722	(D)	...	...	...
	Capital expend., new...do....	1,815	(1)	(D)	...	(1)	1,156	(1)	(D)	...	...	...
2062	Cane sugar refining:											
	Number of establishments.....	28	1	1	1	5	...	1	5	8	6	...
	All employees:											
	Number.....	15,213	22	(D)	(D)	275	...	(D)	1,622	5,748	7,546	...
	Payroll.....\$1,000..	83,962	84	(D)	(D)	1,536	...	(D)	7,797	30,705	43,840	...
	Value added, adjusted..do....	184,824	147	(D)	(D)	4,249	...	(D)	16,571	68,371	95,486	...
	Value of shipments.....do....	997,288	1,063	(D)	(D)	29,209	...	(D)	115,055	369,334	482,627	...
	Capital expend., new...do....	24,329	1,665	(D)	(D)	(D)	...	(D)	1,746	9,372	11,546	...
2063	Beet sugar:											
	Number of establishments.....	66	...	...	...	1	9	51	4	1	...	...
	All employees:											
	Number.....	10,324	...	...	...	813	(D)	7,665	1,846	(D)	...	...
	Payroll.....\$1,000..	49,217	...	...	...	4,022	(D)	37,532	7,663	(D)	...	...
	Value added, adjusted..do....	130,393	...	...	...	8,096	(D)	100,510	21,787	(D)	...	...
	Value of shipments.....do....	392,212	...	...	...	25,103	(D)	292,832	74,277	(D)	...	...
	Capital expend., new...do....	7,970	...	...	...	...	(D)	5,320	2,472	(D)	...	...
2071	Confectionery products:											
	Number of establishments.....	1,390	530	213	226	174	110	82	31	15	9	...
	All employees:											
	Number.....	66,395	1,062	1,439	3,127	5,427	7,866	13,074	10,942	9,839	13,619	...
	Payroll.....\$1,000..	236,685	2,318	3,722	8,464	17,161	26,583	45,785	39,556	36,299	56,797	...
	Value added, adjusted..do....	511,688	6,008	9,197	17,735	34,436	59,011	91,616	90,073	79,324	124,288	...
	Value of shipments.....do....	1,227,955	13,937	22,798	44,206	86,423	146,050	228,069	205,200	189,586	291,686	...
	Capital expend., new...do....	24,730	1,337	726	1,476	1,766	2,377	2,688	2,700	6,159	5,501	...
2072	Chocolate and cocoa products:											
	Number of establishments.....	28	...	2	1	5	9	3	5	1	1	1
	All employees:											
	Number.....	8,271	...	193	(D)	(D)	1,059	(D)	1,507	5,512	(D)	(D)
	Payroll.....\$1,000..	38,427	...	1,040	(D)	(D)	5,554	(D)	6,870	24,963	(D)	(D)
	Value added, adjusted..do....	135,098	...	3,713	(D)	(D)	17,360	(D)	13,656	100,369	(D)	(D)
	Value of shipments.....do....	447,156	...	17,928	(D)	(D)	70,470	(D)	60,080	298,678	(D)	(D)
	Capital expend., new...do....	4,129	...	(1)	(D)	(D)	1,494	(D)	605	1,946	(D)	(D)
2073	Chewing gum:											
	Number of establishments.....	26	4	3	4	3	1	5	3	2	1	...
	All employees:											
	Number.....	5,344	8	18	57	215	(D)	673	1,108	3,265	(D)	...
	Payroll.....\$1,000..	23,918	22	84	199	822	(D)	2,558	5,325	14,808	(D)	...
	Value added, adjusted..do....	102,280	33	161	768	1,238	(D)	9,433	18,057	72,590	(D)	...
	Value of shipments.....do....	175,941	77	566	2,166	2,946	(D)	19,100	30,344	120,742	(D)	...
	Capital expend., new...do....	3,221	...	(1)	(D)	172	(D)	(1)	1,012	1,542	(D)	...
2082	Malt liquors:											
	Number of establishments.....	258	11	3	20	41	47	58	39	27	9	3
	All employees:											
	Number.....	71,494	16	22	299	1,419	3,340	9,238	13,544	18,212	14,697	10,707
	Payroll.....\$1,000..	442,321	94	61	1,107	6,345	16,678	51,324	82,012	114,192	99,766	70,742
	Value added, adjusted..do....	1,114,590	292	119	2,738	13,633	35,736	127,556	211,336	299,824	227,631	195,725
	Value of shipments.....do....	1,982,664	500	285	4,779	24,338	69,103	221,436	373,544	536,753	399,240	352,686
	Capital expend., new...do....	62,395	(1)	(1)	(1)	542	934	16,510	12,124	14,768	10,624	6,786

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-9

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2083	Malt:											
	Number of establishments.....	46	2	1	9	17	12	4	1	...	...	...
	All employees:											
	Number.....	2,404	140	(D)	(D)	514	872	878	(D)	...	...	...
	Payroll.....\$1,000..	16,338	954	(D)	(D)	3,666	5,644	6,074	(D)	...	...	...
	Value added, adjusted..do....	55,087	2,402	(D)	(D)	13,171	20,027	19,487	(D)	...	...	...
	Value of shipments.....do....	195,327	7,322	(D)	(D)	45,033	73,412	69,560	(D)	...	...	...
	Capital expend., new...do....	3,131	(1)	(D)	(D)	691	1,422	901	(D)	...	...	...
2084	Wines and brandy:											
	Number of establishments.....	239	77	46	43	42	20	8	3	...	...	...
	All employees:											
	Number.....	5,941	184	314	593	1,363	1,443	1,050	994	...	...	...
	Payroll.....\$1,000..	29,029	694	1,251	2,460	6,533	6,990	6,223	4,878	...	...	...
	Value added, adjusted..do....	114,242	3,278	5,643	8,963	21,345	23,770	25,375	25,868	...	...	...
	Value of shipments.....do....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	...	...	...
	Capital expend., new...do....	6,526	(1)	(1)	(1)	1,224	1,300	2,027	770	...	...	...
2085	Distilled liquor except brandy:											
	Number of establishments.....	122	11	8	12	27	18	23	12	8	3	...
	All employees:											
	Number.....	20,528	19	49	162	966	1,291	3,696	4,668	5,553	4,124	...
	Payroll.....\$1,000..	102,619	68	201	820	4,312	5,543	19,275	23,845	26,997	21,558	...
	Value added, adjusted..do....	444,831	138	418	1,407	9,872	13,507	70,325	137,847	84,353	126,964	...
	Value of production....do....	927,992	737	1,489	3,664	20,822	30,728	203,711	260,544	176,883	229,414	...
	Capital expend., new...do....	9,908	(1)	(1)	(1)	(1)	855	1,712	3,962	1,635	924	...
2086	Bottled and canned soft drinks:											
	Number of establishments.....	4,362	954	834	1,163	1,013	267	108	20	3	...	...
	All employees:											
	Number.....	96,347	2,242	5,778	16,094	30,350	18,024	15,170	6,592	2,097	...	...
	Payroll.....\$1,000..	401,713	7,114	20,035	56,856	119,505	79,507	73,232	33,442	12,022	...	...
	Value added, adjusted..do....	844,688	17,521	42,658	119,979	250,993	174,599	151,759	66,708	20,471	...	...
	Value of shipments.....do....	1,512,612	37,901	83,842	223,100	457,996	310,973	256,293	108,332	34,175	...	...
	Capital expend., new...do....	63,440	2,508	3,355	8,871	19,423	12,502	12,127	3,248	1,406	...	...
2087	Flavorings:											
	Number of establishments.....	531	280	88	68	49	25	17	4	...	...	...
	All employees:											
	Number.....	9,483	587	596	956	1,485	1,750	2,466	1,643	...	...	...
	Payroll.....\$1,000..	49,346	2,247	3,111	4,824	8,228	8,847	13,534	8,555	...	...	...
	Value added, adjusted..do....	262,223	6,128	7,074	22,427	39,902	78,030	55,955	52,707	...	...	...
	Value of shipments.....do....	512,607	15,808	16,192	43,161	69,854	149,072	116,366	102,154	...	...	...
	Capital expend., new...do....	5,515	(1)	(1)	629	682	1,137	1,586	897	...	...	...
2091	Cottonseed oil mills:											
	Number of establishments.....	214	7	12	32	114	37	12	...	...	...	...
	All employees:											
	Number.....	8,355	14	79	471	3,647	2,428	1,716	...	...	...	...
	Payroll.....\$1,000..	31,223	52	321	1,508	12,617	8,726	7,999	...	...	...	...
	Value added, adjusted..do....	63,587	70	430	2,433	24,347	19,231	17,076	...	...	...	...
	Value of shipments.....do....	420,649	609	9,482	29,613	160,343	122,170	98,432	...	...	...	...
	Capital expend., new...do....	6,605	(1)	(1)	(1)	1,509	1,881	3,031	...	...	...	...
2092	Soybean oil mills:											
	Number of establishments.....	117	512	511	511	30	36	10	5	2	...	...
	All employees:											
	Number.....	8,095	24	65	158	1,060	2,424	1,589	2,775	(D)	...	...
	Payroll.....\$1,000..	41,909	84	222	670	5,281	11,724	7,879	16,049	(D)	...	...
	Value added, adjusted..do....	139,612	177	809	2,133	27,083	44,462	22,899	42,049	(D)	...	...
	Value of shipments.....do....	1,080,798	1,454	2,927	13,035	166,501	390,905	197,222	308,754	(D)	...	...
	Capital expend., new...do....	14,668	(1)	(1)	(1)	3,024	4,235	3,220	3,808	(D)	...	...
2093	Vegetable oil mills, nec:											
	Number of establishments.....	46	9	7	10	7	6	5	2	...	...	...
	All employees:											
	Number.....	2,252	22	47	130	221	532	1,300	(D)	...	...	...
	Payroll.....\$1,000..	12,525	121	183	535	971	2,948	7,767	(D)	...	...	...
	Value added, adjusted..do....	42,066	160	475	1,055	1,931	9,083	29,362	(D)	...	...	...
	Value of shipments.....do....	314,695	404	1,462	4,146	19,173	92,159	197,351	(D)	...	...	...
	Capital expend., new...do....	2,032	(1)	(1)	(1)	(1)	969	888	(D)	...	...	...
2094	Grease and tallow:											
	Number of establishments.....	539	111	122	133	115	42	13	2	1	...	...
	All employees:											
	Number.....	12,384	253	830	1,850	3,482	2,782	1,959	1,228	(D)	...	...
	Payroll.....\$1,000..	60,095	921	3,467	8,616	16,609	13,276	10,554	6,652	(D)	...	...
	Value added, adjusted..do....	127,120	2,746	7,905	17,425	35,611	25,609	21,515	16,309	(D)	...	...
	Value of shipments.....do....	328,920	5,806	18,949	44,332	91,605	77,668	50,358	40,202	(D)	...	...
	Capital expend., new...do....	9,375	(1)	670	1,404	2,944	2,166	969	773	(D)	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2095	Animal oils, nec:											
	Number of establishments.....	78	18	6	17	25	8	4	...	...	...	...
	All employees:											
	Number.....	2,191	41	37	242	762	1,109	(D)	...	...	...	...
	Payroll.....\$1,000..	7,774	150	142	1,018	3,360	3,104	(D)	...	...	...	...
	Value added, adjusted..do....	24,475	612	335	4,090	7,780	11,658	(D)	...	...	...	...
	Value of shipments.....do....	60,378	1,054	560	8,742	24,814	25,208	(D)	...	...	...	...
	Capital expend., new...do....	3,370	(1)	(1)	(1)	729	2,205	(D)	...	...	...	...
2096	Shortening and cooking oils:											
	Number of establishments.....	105	57	55	513	15	21	32	9	3	...	...
	All employees:											
	Number.....	12,489	9	36	161	522	1,495	5,515	3,048	1,703	...	...
	Payroll.....\$1,000..	70,993	35	195	783	2,590	7,484	30,384	19,721	9,801	...	...
	Value added, adjusted..do....	221,519	89	640	2,128	8,754	28,748	85,868	60,685	34,607	...	...
	Value of shipments.....do....	1,239,129	345	2,410	8,692	51,757	131,615	586,894	273,294	184,122	...	...
	Capital expend., new...do....	12,389	(1)	(1)	(1)	847	925	5,187	3,724	1,233	...	...
21	Tobacco products:											
	Number of establishments.....	504	147	44	33	86	56	60	45	14	15	4
	All employees:											
	Number.....	84,467	258	282	438	2,893	3,975	9,841	16,174	9,120	25,488	15,998
	Payroll.....\$1,000..	294,650	444	580	1,461	9,633	11,847	28,029	49,684	27,080	97,417	68,485
	Value added, adjusted..do....	1,413,460	1,191	1,422	1,266	20,341	25,015	72,854	123,276	53,404	590,590	524,101
	Capital expend., new...do....	38,069	186	196	1240	5,322	1,257	2,472	3,763	2,560	10,733	11,540
2111	Cigarettes:											
	Number of establishments.....	19	1	2	....	...	1	2	...	...	9	4
	All employees:											
	Number.....	33,832	15	(D)	...	...	17,819	(D)	...	...	(D)	15,998
	Payroll.....\$1,000..	142,413	38	(D)	...	...	73,890	(D)	...	...	(D)	68,485
	Value added, adjusted..do....	1,058,554	92	(D)	...	...	534,361	(D)	...	...	(D)	524,101
	Value of shipments.....do....	2,159,987	242	(D)	...	...	1,125,963	(D)	...	...	(D)	1,033,782
	Capital expend., new...do....	20,490	...	...	...	...	8,950	(D)	...	...	(D)	11,540
2121	Cigars:											
	Number of establishments.....	283	121	29	19	31	17	30	19	12	5	...
	All employees:											
	Number.....	29,350	205	187	249	1,069	1,235	4,850	7,036	14,519	(D)	...
	Payroll.....\$1,000..	81,882	306	320	590	2,460	3,428	12,679	20,010	42,089	(D)	...
	Value added, adjusted..do....	183,140	721	640	1,016	4,974	6,067	27,319	47,596	94,807	(D)	...
	Value of shipments.....do....	355,048	1,644	1,275	2,885	9,831	13,939	51,446	89,870	184,158	(D)	...
	Capital expend., new...do....	6,016	(1)	(1)	(1)	(1)	(1)	869	1,101	3,538	(D)	...
2131	Chewing and smoking tobacco:											
	Number of establishments.....	58	17	6	7	8	3	9	7	...	1	...
	All employees:											
	Number.....	6,348	73	(D)	86	273	1,899	(D)	4,017	...	(D)	...
	Payroll.....\$1,000..	23,693	139	(D)	311	1,282	5,709	(D)	16,252	...	(D)	...
	Value added, adjusted..do....	86,188	440	(D)	435	3,045	23,834	(D)	58,434	...	(D)	...
	Value of shipments.....do....	175,770	841	(D)	1,208	9,302	42,232	(D)	122,187	...	(D)	...
	Capital expend., new...do....	1,079	(1)	(D)	(1)	(D)	(1)	(D)	855	...	(D)	...
2141	Tobacco stemming and redrying:											
	Number of establishments.....	144	8	7	7	47	35	19	19	2	...	...
	All employees:											
	Number.....	14,937	13	150	(D)	1,551	2,499	2,949	7,775	(D)	...	...
	Payroll.....\$1,000..	46,662	52	729	(D)	5,881	7,769	8,580	23,651	(D)	...	...
	Value added, adjusted..do....	85,578	123	412	(D)	12,322	17,506	18,219	36,996	(D)	...	...
	Value of shipments.....do....	1,176,710	528	6,926	(D)	117,852	127,469	90,816	833,119	(D)	...	...
	Capital expend., new...do....	10,485	(1)	6,338	(D)	(D)	(D)	1,305	2,795	(D)	...	...
22	Textile mill products:											
	Number of establishments.....	7,675	1,176	816	1,066	1,547	1,039	1,083	541	301	96	10
	All employees:											
	Number.....	901,677	2,515	5,544	15,010	49,786	72,401	173,256	189,099	207,463	137,360	49,243
	Payroll.....\$1,000..	2,938,140	9,055	20,275	55,153	171,093	241,822	577,595	609,818	656,105	435,222	162,002
	Value added, adjusted..do....	4,857,638	26,118	45,148	105,334	300,653	402,696	961,633	1,019,898	1,063,737	695,856	236,565
	Capital expend., new...do....	211,744	2,426	5,509	5,714	12,710	15,182	43,241	42,951	43,333	31,820	10,858
2211	Weaving mills, cotton:											
	Number of establishments.....	496	54	23	24	30	22	57	121	104	57	4
	All employees:											
	Number.....	243,419	148	165	308	1,002	1,619	10,034	44,398	74,950	80,187	30,608
	Payroll.....\$1,000..	724,481	518	746	1,112	3,386	5,178	29,319	127,982	220,783	238,214	97,243
	Value added, adjusted..do....	1,078,592	1,380	3,270	2,542	5,320	9,981	41,479	187,214	328,264	357,047	142,095
	Value of shipments.....do....	2,748,584	3,918	8,647	5,080	11,167	22,433	108,174	470,854	851,680	916,661	349,970
	Capital expend., new...do....	48,441	(1)	(1)	(1)	(1)	(1)	2,121	9,817	14,105	15,718	5,745

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-11

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	
2221	Weaving mills, synthetics:											
	Number of establishments.....	401	42	13	36	67	61	75	56	40	11	...
	All employees:											
	Number.....	81,688	83	86	520	2,121	4,328	12,009	19,533	26,584	16,424	...
	Payroll.....\$1,000..	276,655	396	328	2,056	7,995	15,434	43,283	66,499	85,023	55,641	...
	Value added, adjusted...do....	468,583	1,691	775	4,661	15,853	27,226	68,359	113,835	141,538	94,645	...
	Value of shipments.....do....	1,225,509	5,109	1,144	8,635	31,145	62,079	186,870	332,162	366,076	232,289	...
	Capital expend., new...do....	15,043	(1)	(1)	748	(1)	1,169	1,735	2,398	5,719	2,772	...
2231	Weaving and finishing mills, wool:											
	Number of establishments.....	469	64	41	53	88	64	89	52	16	2	...
	All employees:											
	Number.....	55,952	112	267	753	2,863	4,102	15,072	18,000	14,783	(D)	...
	Payroll.....\$1,000..	206,094	421	985	2,737	10,646	14,442	56,741	67,353	52,769	(D)	...
	Value added, adjusted...do....	336,618	1,227	1,605	5,192	16,920	23,310	95,499	106,661	86,204	(D)	...
	Value of shipments.....do....	929,040	3,273	4,069	8,974	33,310	49,545	233,575	294,455	301,839	(D)	...
	Capital expend., new...do....	9,702	(1)	(1)	(1)	591	556	2,337	2,684	3,095	(D)	...
2241	Narrow fabric mills:											
	Number of establishments.....	488	95	62	89	100	75	55	7	5	...	...
	All employees:											
	Number.....	24,587	201	426	1,278	3,390	5,095	8,885	2,271	3,041	...	...
	Payroll.....\$1,000..	85,923	712	1,387	4,457	11,243	16,771	33,004	8,350	9,999	...	...
	Value added, adjusted...do....	142,638	1,509	2,400	7,655	19,327	27,121	53,676	13,996	16,954	...	...
	Value of shipments.....do....	301,482	3,326	4,787	15,842	39,936	55,396	113,601	32,623	35,971	...	...
	Capital expend., new...do....	6,307	(1)	(1)	(1)	1,053	852	2,195	1,047	623	...	...
2251	Full-fashioned hosiery mills:											
	Number of establishments.....	432	59	64	68	97	62	52	17	12	1	...
	All employees:											
	Number.....	33,687	131	440	938	2,840	4,148	8,571	16,619	(D)	(D)	...
	Payroll.....\$1,000..	103,998	444	1,234	2,867	8,517	12,110	27,371	51,455	(D)	(D)	...
	Value added, adjusted...do....	172,996	1,324	2,740	4,812	12,516	19,426	42,469	89,709	(D)	(D)	...
	Value of shipments.....do....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	...
	Capital expend., new...do....	6,098	(1)	(1)	(1)	601	(1)	1,514	2,768	(D)	(D)	...
2251-02	Manufacturers:											
	Number of establishments.....	361	46	57	55	83	48	43	17	11	1	...
	All employees:											
	Number.....	29,986	98	390	744	2,482	3,206	23,066	(D)	(D)	(D)	...
	Payroll.....\$1,000..	93,582	333	1,115	2,147	7,572	9,719	72,696	(D)	(D)	(D)	...
	Value added, adjusted...do....	154,758	702	2,580	3,794	11,161	16,135	120,386	(D)	(D)	(D)	...
	Value of shipments.....do....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	...
	Capital expend., new...do....	5,815	(1)	(1)	(1)	555	(1)	4,186	(D)	(D)	(D)	...
2251-03	Converters:											
	Number of establishments.....	14	6	...	4	1	1	2	...	...	...	...
	All employees:											
	Number.....	451	14	...	56	381	(D)	(D)	...	...	...	...
	Payroll.....\$1,000..	2,234	64	...	371	1,799	(D)	(D)	...	...	...	...
	Value added, adjusted...do....	7,593	509	...	426	6,658	(D)	(D)	...	...	...	...
	Value of shipments.....do....	(4)	(4)	...	(4)	(4)	(4)	(4)	...	...	...	...
	Capital expend., new...do....	(1)	(1)	...	(D)	(D)	(D)	(D)	...	...	...	...
2251-04	Contractors:											
	Number of establishments.....	57	7	7	9	13	13	7	...	1	...	...
	All employees:											
	Number.....	3,250	19	50	138	3,043	(D)	(D)	...	(D)	...	...
	Payroll.....\$1,000..	8,182	47	119	349	7,667	(D)	(D)	...	(D)	...	...
	Value added, adjusted...do....	10,645	113	160	592	9,780	(D)	(D)	...	(D)	...	...
	Value of shipments.....do....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	...	(4)	...	...
	Capital expend., new...do....	(1)	(1)	(D)	(D)	(D)	(D)	(1)	...	(D)	...	...
2252	Seamless hosiery mills:											
	Number of establishments.....	659	54	46	70	154	143	128	44	16	3	1
	All employees:											
	Number.....	69,483	119	298	1,009	5,106	9,949	19,841	15,085	10,800	7,276	(D)
	Payroll.....\$1,000..	177,104	239	464	2,303	11,686	22,878	49,646	39,449	26,715	23,724	(D)
	Value added, adjusted...do....	290,825	884	796	3,737	18,408	33,207	81,846	61,849	44,027	46,071	(D)
	Value of shipments.....do....	597,437	2,149	1,780	9,989	41,060	74,845	172,022	136,867	80,885	77,840	(D)
	Capital expend., new...do....	13,519	(1)	(1)	(1)	995	1,576	4,225	2,634	1,455	2,201	(D)
2252-02	Manufacturers:											
	Number of establishments.....	596	43	38	54	140	134	124	43	16	3	1
	All employees:											
	Number.....	67,223	96	246	777	4,666	9,296	34,066	(D)	10,800	7,276	(D)
	Payroll.....\$1,000..	171,345	178	378	1,726	10,566	21,493	86,565	(D)	26,715	23,724	(D)
	Value added, adjusted...do....	280,724	333	500	2,939	16,880	31,200	138,774	(D)	44,027	46,071	(D)
	Value of shipments.....do....	572,784	855	1,409	6,079	38,437	70,511	296,768	(D)	80,885	77,840	(D)
	Capital expend., new...do....	13,342	(1)	(1)	(1)	988	1,543	...	(D)	1,455	2,201	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2252-03	Converters:											
	Number of establishments....	15	6	2	3	1	2	1	...	...	...	...
	All employees:											
	Number.....	375	17	49	(D)	309	(D)	(D)	...	...	...	...
	Payroll.....\$1,000..	1,387	50	220	(D)	1,117	(D)	(D)	...	...	...	...
	Value added, adjusted...do....	4,236	527	500	(D)	5,209	(D)	(D)	...	...	...	...
	Value of shipments....do....	16,160	1,262	2,896	(D)	12,002	(D)	(D)	...	...	...	...
	Capital expend., new...do....	(1)	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...
2252-04	Contractors:											
	Number of establishments....	48	5	6	13	13	7	3	1	...	...	...
	All employees:											
	Number.....	1,885	6	235	(D)	1,644	(D)	(D)	(D)	...	...	...
	Payroll.....\$1,000..	4,372	11	443	(D)	3,918	(D)	(D)	(D)	...	...	...
	Value added, adjusted...do....	5,865	24	594	(D)	5,247	(D)	(D)	(D)	...	...	...
	Value of shipments....do....	8,493	32	1,385	(D)	7,076	(D)	(D)	(D)	...	...	...
	Capital expend., new...do....	(1)	...	(1)	(D)	(1)	(D)	(D)	(D)	...	...	...
2253	Knit outerwear mills:											
	Number of establishments.....	1,123	141	145	204	337	160	90	34	9	3	...
	All employees:											
	Number.....	60,672	290	990	2,930	10,912	11,149	13,219	11,690	6,055	3,437	...
	Payroll.....\$1,000..	203,998	1,167	3,730	10,226	37,382	39,132	43,285	36,988	19,156	12,932	...
	Value added, adjusted...do....	339,914	4,887	9,790	22,065	64,039	61,408	72,809	62,719	29,183	13,014	...
	Value of production....do....	813,577	21,562	31,799	61,472	148,328	142,530	157,561	131,273	67,010	52,042	...
	Capital expend., new...do....	11,155	(1)	(1)	881	3,327	1,960	1,664	1,619	640	(1)	...
2253-02	Manufacturers:											
	Number of establishments....	507	71	65	68	128	76	58	29	9	3	...
	All employees:											
	Number.....	39,570	126	439	977	4,159	5,377	9,074	9,926	6,055	3,437	...
	Payroll.....\$1,000..	126,365	464	1,458	2,914	12,922	16,894	28,867	30,758	19,156	12,932	...
	Value added, adjusted...do....	204,005	1,510	3,781	5,895	23,777	26,779	47,115	52,951	29,183	13,014	...
	Value of production....do....	470,581	3,946	7,538	12,686	50,692	60,233	101,155	115,279	67,010	52,042	...
	Capital expend., new...do....	6,691	(1)	(1)	(1)	1,708	929	1,107	1,237	640	(1)	...
2253-03	Converters:											
	Number of establishments....	146	32	31	27	32	16	7	1	...	...	...
	All employees:											
	Number.....	4,004	90	203	360	1,054	1,091	1,206	(D)	...	...	...
	Payroll.....\$1,000..	20,659	477	1,206	2,557	6,132	5,604	4,683	(D)	...	...	...
	Value added, adjusted...do....	56,696	1,958	4,329	8,688	15,472	11,969	14,280	(D)	...	...	...
	Value of production....do....	240,140	15,867	21,811	38,336	65,194	52,981	45,951	(D)	...	...	...
	Capital expend., new...do....	584	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...
2253-04	Contractors:											
	Number of establishments....	470	38	49	109	177	68	25	4	...	...	...
	All employees:											
	Number.....	17,098	74	348	1,593	5,699	4,681	4,703	(D)	...	...	...
	Payroll.....\$1,000..	56,974	226	1,066	4,755	18,328	16,634	15,965	(D)	...	...	...
	Value added, adjusted...do....	79,213	1,419	1,680	7,482	24,790	22,660	21,182	(D)	...	...	...
	Value of production....do....	102,856	1,749	2,450	10,450	32,442	29,316	26,449	(D)	...	...	...
	Capital expend., new...do....	3,880	(1)	(1)	500	1,518	844	866	(D)	...	...	...
2254	Knit underwear mills:											
	Number of establishments.....	140	9	2	7	23	33	38	17	7	2	2
	All employees:											
	Number.....	27,918	33	(D)	104	735	2,424	5,982	5,850	4,715	8,075	(D)
	Payroll.....\$1,000..	81,183	135	(D)	309	1,752	6,402	16,483	16,964	14,047	25,091	(D)
	Value added, adjusted...do....	135,703	572	(D)	705	2,834	10,116	26,422	29,729	26,928	38,397	(D)
	Value of production....do....	291,852	2,138	(D)	2,685	5,595	22,307	61,894	67,623	57,350	72,260	(D)
	Capital expend., new...do....	5,459	(1)	(D)	(1)	(1)	(1)	1,175	595	(1)	3,038	(D)
2254-02	Manufacturers:											
	Number of establishments....	122	7	1	4	19	31	35	14	7	2	2
	All employees:											
	Number.....	26,168	77	(D)	(D)	602	12,699	(D)	(D)	4,715	8,075	(D)
	Payroll.....\$1,000..	76,263	214	(D)	(D)	1,341	35,570	(D)	(D)	14,047	25,091	(D)
	Value added, adjusted...do....	128,570	731	(D)	(D)	2,268	60,246	(D)	(D)	26,928	38,397	(D)
	Value of production....do....	269,325	1,326	(D)	(D)	4,670	133,719	(D)	(D)	57,350	72,260	(D)
	Capital expend., new...do....	5,148	(1)	(D)	(D)	(1)	1,801	(D)	(D)	(1)	3,038	(D)
2256	Knit fabric mills:											
	Number of establishments.....	357	59	47	70	89	40	40	9	3	...	...
	All employees:											
	Number.....	18,356	128	326	977	2,781	2,719	6,511	3,244	1,670	...	...
	Payroll.....\$1,000..	73,871	606	1,592	4,684	12,075	10,570	25,814	12,297	6,233	...	...
	Value added, adjusted...do....	147,394	1,575	3,654	10,254	23,990	20,669	49,278	22,569	15,405	...	...
	Value of shipments....do....	487,185	5,054	13,854	30,684	75,057	75,407	166,869	82,669	37,591	...	...
	Capital expend., new...do....	7,132	(1)	(1)	721	930	1,229	1,734	1,487	674	...	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-13

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2256-02	Manufacturers:											
	Number of establishments....	212	30	17	48	52	21	34	7	3	...	...
	All employees:											
	Number.....	13,735	61	111	663	1,571	1,419	8,240	(D)	1,670	...	...
	Payroll.....\$1,000..	54,679	248	538	3,275	7,075	5,496	31,814	(D)	6,233	...	...
	Value added, adjusted..do....	111,995	554	1,019	6,737	15,730	11,910	60,640	(D)	15,405	...	...
	Value of shipments....do....	385,468	1,687	3,784	23,971	58,488	47,392	212,555	(D)	37,591	...	...
2256-03	Converters:											
	Number of establishments....	25	6	7	3	2	5	1	1	...	...	...
	All employees:											
	Number.....	1,156	17	48	40	1,051	(D)	(D)	(D)	...	...	...
	Payroll.....\$1,000..	5,179	87	340	212	4,540	(D)	(D)	(D)	...	...	...
	Value added, adjusted..do....	10,754	367	1,158	359	8,870	(D)	(D)	(D)	...	...	...
	Value of shipments....do....	65,779	2,161	8,079	2,252	53,287	(D)	(D)	(D)	...	...	...
2256-04	Contractors:											
	Number of establishments....	120	23	23	19	35	14	5	1	...	...	...
	All employees:											
	Number.....	3,465	50	167	274	2,974	(D)	(D)	(D)	...	...	...
	Payroll.....\$1,000..	14,013	271	714	1,197	11,831	(D)	(D)	(D)	...	...	...
	Value added, adjusted..do....	24,645	654	1,477	3,158	19,356	(D)	(D)	(D)	...	...	...
	Value of shipments....do....	35,938	1,206	1,991	4,461	28,280	(D)	(D)	(D)	...	...	...
2259	Knitting mills, nec:											
	Number of establishments.....	75	11	9	17	21	11	5	...	1	...	...
	All employees:											
	Number.....	3,230	29	60	231	680	2,230	(D)	...	(D)	...	...
	Payroll.....\$1,000..	9,619	63	176	708	1,890	6,782	(D)	...	(D)	...	...
	Value added, adjusted..do....	14,543	192	571	1,339	3,366	9,075	(D)	...	(D)	...	...
	Value of production....do....	30,092	426	1,045	2,228	6,742	19,651	(D)	...	(D)	...	...
2259-02	Manufacturers:											
	Number of establishments....	64	11	8	13	17	9	5	...	1	...	...
	All employees:											
	Number.....	2,936	29	229	(D)	2,678	(D)	(D)	...	(D)	...	...
	Payroll.....\$1,000..	8,811	63	690	(D)	8,058	(D)	(D)	...	(D)	...	...
	Value added, adjusted..do....	12,971	192	1,591	(D)	11,188	(D)	(D)	...	(D)	...	...
	Value of production....do....	27,523	426	2,931	(D)	24,166	(D)	(D)	...	(D)	...	...
2261	Finishing plants, cotton:											
	Number of establishments.....	446	124	73	75	57	32	31	23	25	4	2
	All employees:											
	Number.....	49,212	294	478	1,050	1,931	2,166	5,097	7,795	17,842	12,559	(D)
	Payroll.....\$1,000..	189,866	1,099	1,797	4,296	8,004	9,333	21,917	31,531	65,874	46,015	(D)
	Value added, adjusted..do....	289,115	3,042	4,246	6,563	13,849	14,103	29,555	47,297	98,960	71,500	(D)
	Value of shipments....do....	686,237	7,194	8,855	15,242	25,252	26,889	57,162	116,286	176,188	253,169	(D)
2262	Finishing plants, synthetics:											
	Number of establishments.....	197	23	17	25	34	46	39	10	3	...	...
	All employees:											
	Number.....	16,185	52	119	334	1,153	3,243	6,043	3,536	1,705	...	...
	Payroll.....\$1,000..	74,297	243	579	1,811	5,129	15,828	27,913	14,919	7,875	...	...
	Value added, adjusted..do....	114,825	306	842	3,172	7,813	25,948	43,618	22,662	10,464	...	...
	Value of shipments....do....	210,568	2,179	1,855	8,876	11,741	48,227	72,122	47,890	17,678	...	...
2269	Finishing plants, nec:											
	Number of establishments.....	155	18	25	33	36	19	19	5	...	...	...
	All employees:											
	Number.....	7,808	39	174	449	1,171	1,275	4,700	(D)	...	...	...
	Payroll.....\$1,000..	28,814	163	709	1,989	4,641	4,551	16,761	(D)	...	...	...
	Value added, adjusted..do....	52,005	846	1,097	3,547	8,595	8,930	28,990	(D)	...	...	...
	Value of shipments....do....	158,033	2,030	6,220	6,953	20,325	23,802	98,703	(D)	...	...	...
2271	Woven carpets and rugs:											
	Number of establishments.....	69	12	5	5	15	4	9	8	6	4	1
	All employees:											
	Number.....	18,151	16	92	(D)	475	238	1,380	2,665	4,108	9,170	(D)
	Payroll.....\$1,000..	74,395	42	346	(D)	1,770	621	5,547	11,552	16,842	37,675	(D)
	Value added, adjusted..do....	128,444	185	566	(D)	3,224	918	8,864	20,391	30,718	63,578	(D)
	Value of shipments....do....	335,536	474	1,127	(D)	7,229	2,038	28,456	50,245	89,389	156,578	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2272	Tufted carpets and rugs:											
	Number of establishments.....	92	5	6	9	15	23	21	10	2	1	...
	All employees:											
	Number.....	11,528	10	43	131	461	1,718	2,997	6,168	(D)	(D)	...
	Payroll.....\$1,000..	36,313	27	177	327	1,484	5,456	9,677	19,165	(D)	(D)	...
	Value added, adjusted..do....	108,846	48	537	817	5,673	12,831	23,373	65,567	(D)	(D)	...
	Value of shipments.....do....	317,639	105	1,638	3,162	19,996	43,685	75,453	173,600	(D)	(D)	...
	Capital expend., new...do....	8,007	(1)	(1)	(1)	(1)	1,292	1,051	3,169	(D)	(D)	...
2279	Carpets and rugs, nec:											
	Number of establishments.....	121	39	14	15	35	11	6	...	1	...	...
	All employees:											
	Number.....	3,989	86	97	212	987	794	1,813	...	(D)	...	...
	Payroll.....\$1,000..	12,561	217	275	714	2,798	1,972	6,585	...	(D)	...	...
	Value added, adjusted..do....	23,176	537	466	1,297	5,439	3,168	12,269	...	(D)	...	...
	Value of shipments.....do....	54,533	1,247	1,020	3,075	10,899	6,103	32,189	...	(D)	...	...
	Capital expend., new...do....	666	(1)	(1)	(1)	(1)	(1)	(1)	...	(D)	...	...
2281	Yarn mills, except wool:											
	Number of establishments.....	356	19	10	17	26	50	151	56	26	1	...
	All employees:											
	Number.....	67,836	38	77	261	855	3,772	24,927	18,755	<u>19,151</u>	(D)	...
	Payroll.....\$1,000..	179,782	139	197	758	2,273	10,298	65,526	50,857	<u>49,734</u>	(D)	...
	Value added, adjusted..do....	292,219	396	281	1,073	3,801	15,970	106,663	87,328	<u>76,707</u>	(D)	...
	Value of shipments.....do....	855,363	1,014	741	2,683	9,352	47,413	307,362	268,878	<u>217,920</u>	(D)	...
	Capital expend., new...do....	15,507	(1)	(1)	(1)	(1)	1,226	6,251	4,326	<u>3,318</u>	(D)	...
2282	Throwing and winding mills:											
	Number of establishments.....	195	31	20	25	51	35	22	11	...	...	...
	All employees:											
	Number.....	11,862	70	127	341	1,756	2,590	3,147	3,831	...	...	...
	Payroll.....\$1,000..	37,580	209	413	1,205	5,345	7,670	10,662	12,076	...	...	...
	Value added, adjusted..do....	67,648	454	1,031	2,109	10,601	12,459	22,875	18,119	...	...	...
	Value of shipments.....do....	174,646	1,021	2,258	4,692	25,634	31,569	62,118	47,354	...	...	...
	Capital expend., new...do....	3,164	(1)	(1)	(1)	(1)	(1)	1,394	1,090	...	...	...
2283	Wool yarn mills:											
	Number of establishments.....	150	11	5	12	36	28	42	14	2	...	...
	All employees:											
	Number.....	15,977	52	(D)	175	1,237	2,011	6,390	<u>6,112</u>	(D)	...	...
	Payroll.....\$1,000..	54,202	161	(D)	489	4,309	7,006	21,422	<u>20,815</u>	(D)	...	...
	Value added, adjusted..do....	91,212	<u>304</u>	(D)	899	6,451	10,493	36,861	<u>36,204</u>	(D)	...	...
	Value of shipments.....do....	273,584	<u>580</u>	(D)	1,619	17,941	22,270	106,592	<u>124,582</u>	(D)	...	...
	Capital expend., new...do....	5,149	(1)	(D)	(1)	(1)	(1)	1,342	<u>2,882</u>	(D)	...	...
2284	Thread mills:											
	Number of establishments.....	86	14	9	14	13	13	8	8	5	2	...
	All employees:											
	Number.....	11,213	28	63	191	404	908	1,256	2,842	<u>5,521</u>	(D)	...
	Payroll.....\$1,000..	35,479	110	272	754	1,385	3,043	4,206	8,438	<u>17,271</u>	(D)	...
	Value added, adjusted..do....	62,965	242	315	1,395	2,106	5,456	6,704	15,169	<u>31,578</u>	(D)	...
	Value of shipments.....do....	168,570	778	2,006	5,200	8,244	13,978	17,024	32,112	<u>89,228</u>	(D)	...
	Capital expend., new...do....	1,777	(1)	(D)	(1)	(1)	(1)	(1)	503	<u>837</u>	(D)	...
2291	Felt goods, nec:											
	Number of establishments.....	66	11	17	10	7	2	13	6	...	...	...
	All employees:											
	Number.....	4,573	22	121	131	<u>395</u>	(D)	2,039	1,865	...	...	...
	Payroll.....\$1,000..	21,268	66	447	591	<u>1,969</u>	(D)	9,577	8,618	...	...	...
	Value added, adjusted..do....	44,443	179	1,038	966	<u>3,699</u>	(D)	19,965	18,596	...	...	...
	Value of shipments.....do....	95,435	315	2,142	1,997	<u>8,074</u>	(D)	44,913	37,994	...	...	...
	Capital expend., new...do....	1,099	...	(1)	(1)	(1)	(D)	(1)	(1)	...	...	...
2292	Lace goods:											
	Number of establishments.....	208	75	39	28	32	14	15	5	...	...	...
	All employees:											
	Number.....	6,689	171	246	387	1,032	878	2,266	1,709	...	...	...
	Payroll.....\$1,000..	25,764	626	963	1,415	4,151	3,451	8,863	6,295	...	...	...
	Value added, adjusted..do....	34,247	1,180	1,563	2,151	5,683	4,706	10,671	8,293	...	...	...
	Value of shipments.....do....	63,282	2,815	3,746	3,790	9,110	8,619	21,788	13,414	...	...	...
	Capital expend., new...do....	1,194	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...
2293	Padding and upholstery filling:											
	Number of establishments.....	196	37	37	39	50	18	10	5	...	...	...
	All employees:											
	Number.....	7,139	86	268	562	1,603	1,179	1,758	1,683	...	...	...
	Payroll.....\$1,000..	29,510	317	1,194	2,437	6,864	5,152	6,667	6,879	...	...	...
	Value added, adjusted..do....	57,303	833	2,321	5,197	15,126	9,157	12,860	11,809	...	...	...
	Value of shipments.....do....	139,565	2,427	6,228	13,583	38,115	24,563	26,925	27,724	...	...	...
	Capital expend., new...do....	2,372	(1)	(1)	(1)	516	(1)	657	541	...	...	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-15

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2294	Processed textile waste:											
	Number of establishments.....	183	37	34	44	46	14	8	...	...	...	...
	All employees:											
	Number.....	4,607	66	239	603	1,413	967	1,319	...	...	...	...
	Payroll.....\$1,000..	17,038	202	900	2,362	5,308	3,931	4,335	...	...	...	...
	Value added, adjusted..do....	31,100	619	1,950	5,085	9,798	6,323	7,325	...	...	...	...
	Value of shipments.....do....	93,459	1,406	5,301	11,076	23,332	22,822	29,522	...	...	...	...
	Capital expend., new...do....	929	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...	...
2295	Coated fabric, not rubberized:											
	Number of establishments.....	126	23	20	19	21	20	16	1	5	1	...
	All employees:											
	Number.....	10,182	39	140	274	627	1,403	<u>2,634</u>	(D)	<u>5,065</u>	(D)	...
	Payroll.....\$1,000..	53,980	184	674	1,252	2,860	6,904	<u>14,649</u>	(D)	<u>27,457</u>	(D)	...
	Value added, adjusted..do....	100,420	678	1,493	2,455	5,375	12,894	<u>24,861</u>	(D)	<u>52,664</u>	(D)	...
	Value of shipments.....do....	246,616	1,416	3,825	7,806	12,233	33,083	<u>67,740</u>	(D)	<u>120,513</u>	(D)	...
	Capital expend., new...do....	8,576	(1)	(1)	(1)	(1)	769	<u>5,063</u>	(D)	<u>2,189</u>	(D)	...
2296	Tire cord and fabric:											
	Number of establishments.....	23	...	...	...	2	...	8	4	5	4	...
	All employees:											
	Number.....	12,214	...	...	...	<u>1,616</u>	...	(D)	1,430	3,351	5,817	...
	Payroll.....\$1,000..	36,063	...	...	...	<u>4,913</u>	...	(D)	4,233	10,462	16,455	...
	Value added, adjusted..do....	69,844	...	...	...	<u>10,583</u>	...	(D)	10,737	16,903	31,621	...
	Value of shipments.....do....	375,790	...	...	...	<u>74,072</u>	...	(D)	53,200	103,603	144,915	...
	Capital expend., new...do....	6,029	...	...	...	<u>2,718</u>	...	(D)	(D)	(D)	3,311	...
2297	Scouring and combing plants:											
	Number of establishments.....	81	22	5	8	21	9	8	5	3	...	...
	All employees:											
	Number.....	6,075	43	30	96	620	653	1,095	1,840	1,698	...	...
	Payroll.....\$1,000..	22,663	133	125	502	2,269	2,365	4,376	6,839	6,054	...	...
	Value added, adjusted..do....	36,073	247	237	239	3,466	3,551	6,412	8,489	13,432	...	...
	Value of shipments.....do....	87,567	945	641	2,414	10,018	5,053	9,044	32,280	27,172	...	...
	Capital expend., new...do....	1,275	(1)	(1)	(1)	(1)	(1)	(1)	737	(1)	...	...
2298	Cordage and twine:											
	Number of establishments.....	147	41	10	25	20	23	22	3	3	...	...
	All employees:											
	Number.....	9,583	75	68	364	600	1,631	3,625	810	2,410	...	...
	Payroll.....\$1,000..	33,134	226	250	1,176	1,882	5,734	12,770	2,475	8,621	...	...
	Value added, adjusted..do....	65,106	565	557	2,630	3,689	11,964	24,323	4,491	16,887	...	...
	Value of shipments.....do....	141,579	1,584	1,420	5,675	7,595	24,561	54,180	11,420	35,144	...	...
	Capital expend., new...do....	1,632	(1)	(1)	(1)	(1)	(1)	(1)	(1)	502	...	...
2299	Textile goods, nec:											
	Number of establishments.....	138	46	18	25	24	7	6	10	2	...	...
	All employees:											
	Number.....	7,862	100	119	333	719	515	912	<u>5,164</u>	(D)	...	...
	Payroll.....\$1,000..	32,505	378	381	1,362	2,654	2,151	3,605	<u>21,974</u>	(D)	...	...
	Value added, adjusted..do....	60,841	570	1,122	2,308	4,878	5,459	9,250	<u>37,254</u>	(D)	...	...
	Value of shipments.....do....	134,623	2,600	3,183	7,171	12,729	11,570	19,613	<u>77,757</u>	(D)	...	...
	Capital expend., new...do....	4,017	(1)	(1)	(1)	(1)	(1)	810	<u>2,051</u>	(D)	...	...
23	Apparel and related products:											
	Number of establishments.....	29,297	7,130	4,221	4,938	7,042	3,307	1,941	543	146	28	1
	All employees:											
	Number.....	1,180,517	15,282	28,676	69,074	222,725	228,156	294,213	182,905	94,738	<u>44,748</u>	(D)
	Payroll.....\$1,000..	3,585,646	53,400	108,609	244,045	716,008	691,203	833,846	502,966	281,056	<u>154,513</u>	(D)
	Value added, adjusted..do....	6,003,853	156,810	232,383	478,103	1,199,573	1,062,899	1,301,563	852,208	467,726	<u>252,588</u>	(D)
	Capital expend., new...do....	89,450	10,543	8,210	9,630	16,421	11,113	16,765	8,530	5,032	<u>3,208</u>	(D)
2311	Men's and boys' suits and coats:											
	Number of establishments.....	1,365	259	156	187	275	197	175	71	34	10	1
	All employees:											
	Number.....	122,205	584	1,052	2,586	8,787	13,855	27,207	24,755	23,176	<u>20,203</u>	(D)
	Payroll.....\$1,000..	407,986	2,514	4,607	10,588	29,370	46,031	88,925	77,791	79,224	<u>68,936</u>	(D)
	Value added, adjusted..do....	642,510	7,064	10,400	22,700	51,179	72,597	128,527	135,804	104,633	<u>109,606</u>	(D)
	Value of production.....do....	1,295,362	24,323	41,487	73,027	120,413	155,395	230,167	259,779	194,898	<u>195,873</u>	(D)
	Capital expend., new...do....	4,906	(1)	(1)	(1)	601	713	929	643	701	<u>559</u>	(D)
2311-02	Manufacturers:											
	Number of establishments.....	494	104	50	58	77	64	71	40	20	9	1
	All employees:											
	Number.....	66,019	226	328	799	2,515	4,365	11,050	13,797	<u>32,939</u>	(D)	(D)
	Payroll.....\$1,000..	225,312	974	1,446	2,419	7,783	14,270	37,296	46,061	<u>115,063</u>	(D)	(D)
	Value added, adjusted..do....	377,268	2,966	3,132	5,305	13,136	23,195	58,561	92,249	<u>178,724</u>	(D)	(D)
	Value of production.....do....	713,851	8,218	9,920	10,931	25,967	41,691	116,515	171,822	<u>328,787</u>	(D)	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2311-03	Jobbers:											
	Number of establishments....	291	94	58	64	46	17	9	2	1	...	...
	All employees:											
	Number.....	7,029	217	393	823	1,389	1,220	1,545	<u>1,442</u>	(D)	...	...
	Payroll.....\$1,000..	37,525	1,158	2,251	5,354	7,730	7,230	6,654	<u>7,148</u>	(D)	...	...
2311-04	Contractors:											
	Number of establishments....	580	61	48	65	152	116	95	29	13	1	...
	All employees:											
	Number.....	49,157	141	331	964	4,883	8,270	14,612	<u>19,956</u>	(D)	(D)	...
	Payroll.....\$1,000..	145,149	382	910	2,815	13,857	24,531	44,975	<u>57,679</u>	(D)	(D)	...
2321	Men's dress shirts and nightwear:											
	Number of establishments.....	880	128	67	79	148	140	206	78	27	7	...
	All employees:											
	Number.....	103,596	292	444	1,122	4,869	10,301	33,446	26,717	17,268	9,137	...
	Payroll.....\$1,000..	254,139	1,459	2,780	4,463	14,958	26,215	78,360	61,337	41,907	22,670	...
2321-02	Manufacturers:											
	Number of establishments....	324	57	21	20	45	50	67	44	14	6	...
	All employees:											
	Number.....	47,863	114	135	301	1,476	3,695	10,817	14,850	<u>16,475</u>	(D)	...
	Payroll.....\$1,000..	121,901	424	492	795	4,107	10,512	27,663	35,086	<u>42,822</u>	(D)	...
2321-03	Jobbers:											
	Number of establishments....	172	61	40	32	23	8	6	1	1	...	...
	All employees:											
	Number.....	4,032	154	267	435	705	561	<u>1,910</u>	(D)	(D)	...	...
	Payroll.....\$1,000..	17,907	969	2,165	2,716	4,392	1,697	<u>5,968</u>	(D)	(D)	...	...
2321-04	Contractors:											
	Number of establishments....	384	10	6	27	80	82	133	33	12	1	...
	All employees:											
	Number.....	51,701	24	42	386	2,688	6,045	<u>42,516</u>	(D)	(D)	(D)	...
	Payroll.....\$1,000..	114,331	66	123	952	6,449	14,006	<u>92,735</u>	(D)	(D)	(D)	...
2322	Men's and boys' underwear:											
	Number of establishments.....	91	7	4	7	19	16	21	14	2	1	...
	All employees:											
	Number.....	12,326	13	27	91	684	1,166	3,245	<u>7,100</u>	(D)	(D)	...
	Payroll.....\$1,000..	30,285	38	135	222	1,752	2,681	7,639	<u>17,818</u>	(D)	(D)	...
2322-02	Manufacturers:											
	Number of establishments....	56	5	2	3	10	8	14	11	2	1	...
	All employees:											
	Number.....	9,407	70	(D)	(D)	361	2,864	(D)	<u>6,112</u>	(D)	(D)	...
	Payroll.....\$1,000..	23,308	<u>193</u>	(D)	(D)	905	<u>6,912</u>	(D)	<u>15,298</u>	(D)	(D)	...
2322-03	Jobbers:											
	Number of establishments....	5	...	2	...	1	...	...	2	...	...	...
	All employees:											
	Number.....	674	...	674	...	(D)	...	...	(D)	...	...	...
	Payroll.....\$1,000..	1,880	...	<u>1,880</u>	...	(D)	...	...	(D)	...	...	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-17

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2322-04	Contractors:											
	Number of establishments....	30	2	...	4	8	8	7	1	...	...	...
	All employees:											
	Number.....	2,245	893	...	(D)	(D)	(D)	1,352	(D)	...	...	...
	Payroll.....\$1,000..	5,097	1,902	...	(D)	(D)	(D)	3,195	(D)	...	...	...
	Value added, adjusted..do....	6,249	2,336	...	(D)	(D)	(D)	3,913	(D)	...	...	...
	Value of production...do....	7,543	2,913	...	(D)	(D)	(D)	4,630	(D)	...	...	...
2323	Men's and boys' neckwear:											
	Number of establishments.....	362	125	61	65	68	34	7	2	...	...	...
	All employees:											
	Number.....	7,734	268	423	936	2,004	2,355	1,748	(D)	...	...	...
	Payroll.....\$1,000..	26,835	871	1,336	2,959	6,849	8,812	6,008	(D)	...	...	...
	Value added, adjusted..do....	48,938	2,614	2,697	6,051	12,804	14,256	10,516	(D)	...	...	...
	Value of production...do....	102,405	6,546	6,153	12,738	25,377	31,059	20,532	(D)	...	...	...
2323-02	Manufacturers:											
	Number of establishments....	262	85	42	47	51	31	4	2	...	...	...
	All employees:											
	Number.....	6,061	180	291	673	1,451	3,466	(D)	(D)	...	...	...
	Payroll.....\$1,000..	21,933	490	858	2,091	5,138	13,356	(D)	(D)	...	...	...
	Value added, adjusted..do....	40,555	1,487	1,754	4,152	10,349	22,813	(D)	(D)	...	...	...
	Value of production...do....	85,848	3,270	3,912	8,710	21,139	48,817	(D)	(D)	...	...	...
2323-03	Jobbers:											
	Number of establishments....	34	19	6	5	3	1	...	...	...	...	...
	All employees:											
	Number.....	298	47	35	74	142	(D)	...	...	...	...	...
	Payroll.....\$1,000..	1,456	272	212	330	642	(D)	...	...	...	...	...
	Value added, adjusted..do....	3,589	891	556	1,077	1,065	(D)	...	...	...	...	...
	Value of production...do....	10,787	2,958	1,745	2,991	3,093	(D)	...	...	...	...	...
2323-04	Contractors:											
	Number of establishments....	66	21	13	13	14	2	3	...	...	...	...
	All employees:											
	Number.....	1,375	41	97	189	1,048	(D)	(D)	...	...	...	...
	Payroll.....\$1,000..	3,446	109	266	538	2,533	(D)	(D)	...	...	...	...
	Value added, adjusted..do....	4,794	236	387	822	3,349	(D)	(D)	...	...	...	...
	Value of production...do....	5,770	318	496	1,037	3,919	(D)	(D)	...	...	...	...
2327	Separate trousers:											
	Number of establishments.....	748	170	112	99	113	93	105	48	7	1	...
	All employees:											
	Number.....	51,632	352	746	1,381	3,742	6,708	17,065	15,850	5,788	(D)	...
	Payroll.....\$1,000..	134,027	1,225	2,819	4,637	10,788	18,705	41,483	38,934	15,436	(D)	...
	Value added, adjusted..do....	209,050	6,288	6,987	10,074	18,160	25,405	64,725	54,108	23,303	(D)	...
	Value of production...do....	452,414	22,645	28,270	35,704	44,201	44,353	119,795	101,508	55,938	(D)	...
2327-02	Manufacturers:											
	Number of establishments....	258	68	26	36	34	28	33	26	6	1	...
	All employees:											
	Number.....	23,698	137	164	500	1,172	2,125	5,661	13,939	(D)	(D)	...
	Payroll.....\$1,000..	62,696	389	450	1,433	3,631	6,358	14,382	36,053	(D)	(D)	...
	Value added, adjusted..do....	102,364	2,407	1,699	3,724	6,014	8,748	25,121	54,651	(D)	(D)	...
	Value of production...do....	232,575	4,108	2,835	8,042	13,321	18,857	54,573	130,839	(D)	(D)	...
2327-03	Jobbers:											
	Number of establishments....	148	64	42	21	12	5	4	...	...	...	...
	All employees:											
	Number.....	2,146	134	285	302	336	350	739	...	...	...	...
	Payroll.....\$1,000..	9,507	629	1,592	1,838	1,920	1,291	2,237	...	...	...	...
	Value added, adjusted..do....	28,213	3,432	4,106	4,336	5,807	2,599	7,933	...	...	...	...
	Value of production...do....	126,461	18,015	24,085	25,452	23,464	9,506	25,939	...	...	...	...
2327-04	Contractors:											
	Number of establishments....	342	38	44	42	67	60	68	22	1	...	...
	All employees:											
	Number.....	25,788	81	297	579	2,234	4,233	10,665	7,699	(D)	...	...
	Payroll.....\$1,000..	61,824	207	777	1,366	5,237	11,056	24,864	18,317	(D)	...	...
	Value added, adjusted..do....	78,473	449	1,182	2,014	6,339	14,058	31,671	22,760	(D)	...	...
	Value of production...do....	93,378	522	1,350	2,210	7,416	15,990	39,283	26,607	(D)	...	...
2328	Work clothing:											
	Number of establishments.....	500	31	29	44	81	101	130	67	17	...	...
	All employees:											
	Number.....	64,780	64	190	601	2,690	7,393	21,177	22,391	10,274	...	...
	Payroll.....\$1,000..	154,834	173	655	1,728	6,905	17,890	50,050	52,483	24,950	...	...
	Value added, adjusted..do....	255,481	538	1,330	4,093	12,583	31,369	79,920	85,881	39,767	...	...
	Value of production...do....	689,819	3,857	5,319	21,589	29,106	72,447	213,555	214,739	109	...	...
	Capital expend., new....do....	3,452	(¹)	(¹)	(¹)	(¹)	(¹)	1,186	1,107	544	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2328-02	Manufacturers:											
	Number of establishments....	315	18	16	26	45	63	85	48	14	...	...
	All employees:											
	Number.....	45,543	38	105	363	1,490	4,648	14,076	24,823	(D)	...	...
	Payroll.....\$1,000..	109,423	78	292	937	3,704	11,435	33,694	59,283	(D)	...	...
2328-03	Value added, adjusted..do....	189,193	277	587	1,523	6,136	19,332	55,460	105,878	(D)	...	...
	Value of production...do....	512,519	827	1,360	3,441	14,512	48,337	153,591	290,451	(D)	...	...
	Jobbers:											
	Number of establishments....	37	8	6	7	5	4	5	...	2	...	...
	All employees:											
2328-04	Number.....	2,464	14	38	85	165	310	1,852	...	(D)	...	...
	Payroll.....\$1,000..	9,640	68	253	425	599	1,399	6,896	...	(D)	...	...
	Value added, adjusted..do....	23,781	217	584	2,121	3,146	5,934	11,779	...	(D)	...	...
	Value of production...do....	129,660	2,981	3,784	17,580	10,949	17,236	77,130	...	(D)	...	...
	Contractors:											
2329	Number of establishments....	148	5	7	11	31	34	40	19	1	...	...
	All employees:											
	Number.....	16,773	12	47	153	1,035	2,435	13,091	(D)	(D)	...	...
	Payroll.....\$1,000..	35,771	27	110	366	2,602	5,056	27,610	(D)	(D)	...	...
	Value added, adjusted..do....	42,507	44	159	449	3,301	6,103	32,451	(D)	(D)	...	...
2329-02	Value of production...do....	47,640	49	175	568	3,645	6,874	36,329	(D)	(D)	...	...
	Men's and boys' clothing, nec:											
	Number of establishments.....	539	78	66	71	103	118	88	13	2	...	...
	All employees:											
	Number.....	32,392	179	411	979	3,269	8,221	13,809	5,524	(D)	...	...
2329-03	Payroll.....\$1,000..	93,119	598	1,422	3,310	9,860	24,282	38,813	14,834	(D)	...	...
	Value added, adjusted..do....	149,951	2,711	5,566	6,738	15,789	34,166	57,650	27,331	(D)	...	...
	Value of production...do....	365,963	9,989	20,232	21,108	39,037	72,525	113,065	90,007	(D)	...	...
	Capital expend., new..do....	2,359	(1)	(1)	(1)	(1)	(1)	910	(1)	(D)	...	...
	Manufacturers:											
2329-04	Number of establishments....	299	46	45	39	50	61	46	10	2	...	...
	All employees:											
	Number.....	18,808	108	278	525	1,623	4,275	7,367	4,632	(D)	...	...
	Payroll.....\$1,000..	55,014	288	730	1,643	4,809	13,802	22,098	11,644	(D)	...	...
	Value added, adjusted..do....	90,811	800	1,877	3,467	8,163	20,468	36,810	19,226	(D)	...	...
2329-03	Value of production...do....	205,267	2,016	4,948	8,396	17,874	46,684	79,153	46,196	(D)	...	...
	Jobbers:											
	Number of establishments....	68	26	18	8	10	3	2	1	...	...	...
	All employees:											
	Number.....	1,333	59	111	112	308	743	(D)	(D)	...	...	...
2329-04	Payroll.....\$1,000..	6,885	281	641	824	1,266	3,873	(D)	(D)	...	...	...
	Value added, adjusted..do....	20,758	1,840	3,614	2,038	2,803	10,463	(D)	(D)	...	...	...
	Value of production...do....	117,577	7,887	15,205	11,249	15,932	67,304	(D)	(D)	...	...	...
	Contractors:											
	Number of establishments....	172	6	3	24	43	54	40	2	...	...	...
2331	All employees:											
	Number.....	12,251	12	22	342	1,338	10,537	(D)	(D)	...	...	...
	Payroll.....\$1,000..	31,220	29	51	843	3,785	26,512	(D)	(D)	...	...	...
	Value added, adjusted..do....	38,382	71	75	1,233	4,823	32,180	(D)	(D)	...	...	...
	Value of production...do....	43,119	86	79	1,463	5,231	36,260	(D)	(D)	...	...	...
2331-02	Women's blouses, total:											
	Number of establishments.....	1,260	135	138	252	470	180	70	14	1	...	...
	All employees:											
	Number.....	47,484	304	948	3,610	14,992	12,319	9,988	5,323	(D)	...	...
	Payroll.....\$1,000..	125,581	1,268	3,840	11,131	39,749	32,263	23,932	13,398	(D)	...	...
2331-03	Value added, adjusted..do....	200,164	3,047	7,373	22,397	65,934	45,240	32,789	23,384	(D)	...	...
	Value of production...do....	454,103	17,464	27,974	75,649	149,930	84,619	46,015	52,452	(D)	...	...
	Capital expend., new..do....	2,277	(1)	(1)	(1)	736	600	(1)	135	(D)	...	...
	Manufacturers:											
	Number of establishments...	247	67	31	32	67	30	13	7	...	...	...
2331-02	All employees:											
	Number.....	8,823	143	196	446	2,134	2,095	1,776	2,033	...	...	...
	Payroll.....\$1,000..	25,427	558	671	1,224	6,166	5,911	5,137	5,760	...	...	...
	Value added, adjusted..do....	44,176	300	1,153	2,129	10,413	9,586	8,266	12,329	...	...	...
	Value of production...do..	100,769	4,410	3,641	4,753	25,486	18,883	17,129	26,467	...	...	...
2331-03	Capital expend., new..do..	525	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...
	Jobbers:											
	Number of establishments...	210	42	48	60	48	10	1	1	...	...	...
	All employees:											
	Number.....	4,045	103	332	831	1,520	1,259	(D)	(D)	...	...	...
2331-02	Payroll.....\$1,000..	20,722	538	2,076	4,780	7,755	5,573	(D)	(D)	...	...	...
	Value added, adjusted..do..	54,026	2,422	4,730	13,303	21,759	11,812	(D)	(D)	...	...	...
	Value of production...do..	242,538	12,700	22,700	63,193	86,970	56,975	(D)	(D)	...	...	...
	Capital expend., new..do..	255	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-19

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2331-04	Contractors:											
	Number of establishments...	803	26	59	160	355	140	56	6	1	...	...
	All employees:											
	Number.....	34,616	58	420	2,333	11,338	20,467	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	79,432	172	1,093	5,127	25,828	47,212	(D)	(D)	(D)	...	...
	Value added, adjusted..do..	101,962	325	1,490	6,965	33,762	59,420	(D)	(D)	(D)	...	...
	Value of production....do..	110,796	354	1,633	7,703	37,474	63,632	(D)	(D)	(D)	...	...
2335	Capital expend., new...do..	1,497	(1)	(1)	(1)	534	770	(D)	(D)	(D)	...	...
	Women's dresses, total:											
	Number of establishments....	4,653	445	430	879	1,846	748	249	43	13	...	...
	All employees:											
	Number.....	184,717	1,025	3,039	12,533	59,079	50,406	36,648	14,123	7,864	...	...
	Payroll.....\$1,000..	587,976	4,016	12,061	48,354	195,466	156,148	106,049	45,454	20,428	...	...
	Value added, adjusted..do....	970,963	16,104	29,278	97,363	312,776	233,505	175,037	70,298	36,602	...	...
2335-02	Value of production....do....	2,043,422	30,786	81,400	269,672	673,026	415,621	356,531	147,709	68,677	...	...
	Capital expend., new...do....	9,436	967	780	1,366	2,969	1,627	946	(1)	(1)	...	...
	Manufacturers:											
	Number of establishments...	1,351	284	192	209	342	201	95	21	7	...	...
	All employees:											
	Number.....	55,015	612	1,332	2,942	10,786	13,903	14,363	7,001	4,076	...	...
	Payroll.....\$1,000..	183,640	2,272	4,091	8,532	37,239	50,838	44,435	24,924	11,309	...	...
2335-03	Value added, adjusted..do....	320,924	10,501	12,172	18,950	63,261	82,604	73,003	38,491	21,942	...	...
	Value of production....do..	609,383	15,099	22,450	36,409	115,939	160,929	142,669	76,260	39,628	...	...
	Capital expend., new...do..	4,220	939	573	534	744	669	(1)	(1)	(1)	...	...
	Jobbers:											
	Number of establishments...	720	76	120	225	224	48	21	4	2	...	...
	All employees:											
	Number.....	19,732	199	859	3,076	6,803	3,188	3,257	2,350	(D)	...	...
2335-04	Payroll.....\$1,000..	116,384	995	5,259	21,399	44,466	19,281	16,290	8,694	(D)	...	...
	Value added, adjusted..do..	286,730	3,603	13,398	54,421	104,890	43,599	44,598	22,221	(D)	...	...
	Value of production....do..	1,048,949	13,359	54,691	207,331	406,552	142,970	139,454	74,592	(D)	...	...
	Capital expend., new...do..	1,597	(1)	(1)	(1)	641	(1)	(1)	(1)	(D)	...	...
	Contractors:											
	Number of establishments...	2,582	85	118	445	1,280	499	133	18	4	...	...
	All employees:											
2337	Number.....	109,970	214	848	6,515	41,490	33,315	19,028	8,560	(D)	...	...
	Payroll.....\$1,000..	287,952	749	2,711	18,423	113,761	86,029	45,324	20,955	(D)	...	...
	Value added, adjusted..do..	363,309	2,000	3,708	23,992	144,625	107,302	57,436	24,246	(D)	...	...
	Value of production....do..	385,090	2,328	4,259	25,932	150,535	111,722	64,408	25,906	(D)	...	...
	Capital expend., new...do..	3,619	(1)	(1)	(1)	1,584	772	503	(1)	(D)	...	...
	Women's suits, coats, and skirts, total:											
	Number of establishments....	2,683	380	417	536	869	345	118	18	...	...	...
2337-02	All employees:											
	Number.....	84,145	916	2,900	7,630	27,168	23,073	16,316	6,142	...	...	...
	Payroll.....\$1,000..	309,671	4,161	12,268	30,275	99,686	83,247	57,726	22,308	...	...	...
	Value added, adjusted..do....	514,901	10,630	29,053	63,409	162,314	125,859	89,632	34,004	...	...	...
	Value of production....do....	1,233,227	37,718	104,000	186,921	374,082	263,789	201,494	65,223	...	...	...
	Capital expend., new...do....	6,984	1,440	1,557	889	1,328	928	626	(1)	...	...	...
	Women's suits, coats, and skirts-manufacturers:											
2337-03	Number of establishments...	970	205	178	157	260	114	44	12	...	...	...
	All employees:											
	Number.....	30,088	476	1,230	2,203	8,303	7,773	5,993	4,110	...	...	...
	Payroll.....\$1,000..	120,168	1,751	3,615	7,832	33,636	33,065	24,686	15,583	...	...	...
	Value added, adjusted..do..	208,371	4,246	6,894	17,067	58,672	53,535	41,941	26,016	...	...	...
	Value of production....do..	464,369	12,029	22,214	38,026	128,900	117,214	93,152	52,834	...	...	...
	Capital expend., new...do..	4,434	1,289	1,378	565	529	(1)	(1)	(1)	...	...	...
2337-03	Women's suits, coats, and skirts-jobbers:											
	Number of establishments...	496	112	147	105	92	25	14	1	...	...	...
	All employees:											
	Number.....	9,048	279	1,009	1,478	2,704	1,507	2,071	(D)	...	...	...
	Payroll.....\$1,000..	55,917	1,671	6,348	10,329	17,591	9,036	10,942	(D)	...	...	...
	Value added, adjusted..do..	138,754	5,081	19,042	29,675	42,847	21,330	20,779	(D)	...	...	...
	Value of production....do..	588,567	23,859	78,006	130,818	180,674	91,492	83,718	(D)	...	...	...
2337-03	Capital expend., new...do..	897	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...

See footnotes at end of table.

MANUFACTURERS—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2337-04	Women's suits, coats, and skirts—contractors:											
	Number of establishments...	1,217	63	92	274	517	206	60	5	...	...	...
	All employees:											
	Number.....	45,009	161	661	3,949	16,161	13,793	10,284	(D)	...	...	...
	Payroll.....\$1,000..	133,586	739	2,305	12,114	48,459	41,146	28,823	(D)	...	...	...
	Value added, adjusted..do..	167,776	1,303	3,117	16,667	60,795	50,994	34,900	(D)	...	...	...
	Value of production...do..	180,291	1,830	3,780	18,077	64,508	55,083	37,013	(D)	...	...	...
	Capital expend., new...do..	1,653	(¹)	(¹)	(¹)	664	(¹)	(¹)	(D)	...	...	...
2339	Women's outerwear, nec:											
	Number of establishments....	1,155	200	162	240	313	155	68	11	5	1	...
	All employees:											
	Number.....	43,663	438	1,108	3,377	9,939	10,872	9,466	3,422	5,041	(D)	...
	Payroll.....\$1,000..	130,779	1,392	3,792	9,708	28,135	31,268	27,636	10,730	18,118	(D)	...
	Value added, adjusted..do..	227,598	4,897	8,152	20,496	46,762	48,760	44,452	16,163	37,916	(D)	...
	Value of production...do..	506,298	14,788	28,582	56,050	101,978	96,621	91,362	36,904	80,013	(D)	...
	Capital expend., new...do..	3,560	(¹)	(¹)	517	706	543	(¹)	(¹)	(¹)	(D)	...
2339-02	Women's outerwear, nec— manufacturers:											
	Number of establishments...	563	135	76	118	122	60	38	9	4	1	...
	All employees:											
	Number.....	23,234	284	529	1,598	3,877	4,331	12,615	(D)	(D)	(D)	...
	Payroll.....\$1,000..	71,887	627	1,374	3,917	11,711	13,370	40,888	(D)	(D)	(D)	...
	Value added, adjusted..do..	127,280	2,022	2,855	8,256	19,774	22,161	72,212	(D)	(D)	(D)	...
	Value of production...do..	275,018	4,267	6,369	18,266	42,950	47,280	155,886	(D)	(D)	(D)	...
	Capital expend., new...do..	2,105	(¹)	(¹)	(¹)	(¹)	(¹)	730	(D)	(D)	(D)	...
2339-03	Women's outerwear, nec— jobbers:											
	Number of establishments...	158	39	41	41	23	8	5	...	1	...	...
	All employees:											
	Number.....	3,455	98	282	568	659	498	1,350	...	(D)	...	...
	Payroll.....\$1,000..	17,337	622	1,755	3,177	3,018	2,572	6,193	...	(D)	...	...
	Value added, adjusted..do..	46,260	2,658	4,269	8,592	9,613	6,845	14,283	...	(D)	...	...
	Value of production...do..	170,814	9,901	20,986	33,484	39,490	27,549	39,404	...	(D)	...	...
	Capital expend., new...do..	562	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	...	(D)	...	...
2339-04	Women's outerwear, nec— contractors:											
	Number of establishments...	434	26	45	81	168	87	25	2	...	...	...
	All employees:											
	Number.....	16,974	56	297	1,211	5,403	6,043	3,964	(D)	...	...	...
	Payroll.....\$1,000..	41,555	143	663	2,614	13,406	15,326	9,403	(D)	...	...	...
	Value added, adjusted..do..	54,058	217	1,028	3,648	17,375	19,754	12,036	(D)	...	...	...
	Value of production...do..	60,466	620	1,227	4,300	19,538	21,792	12,989	(D)	...	...	...
	Capital expend., new...do..	893	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(D)	...	...	...
2341	Women's and children's underwear:											
	Number of establishments....	1,231	172	134	205	329	198	134	48	10	1	...
	All employees:											
	Number.....	73,527	402	922	2,855	10,507	14,050	20,434	17,280	7,077	(D)	...
	Payroll.....\$1,000..	199,652	1,582	3,359	8,957	30,020	36,781	53,113	45,524	20,316	(D)	...
	Value added, adjusted..do..	347,705	8,061	9,401	18,629	54,740	56,917	81,185	88,168	30,604	(D)	...
	Value of production...do..	814,721	24,730	33,559	56,794	162,467	127,788	167,854	174,501	67,028	(D)	...
	Capital expend., new...do..	5,404	(¹)	(¹)	(¹)	920	706	1,186	981	712	(D)	...
2341-02	Manufacturers:											
	Number of establishments...	682	106	67	109	158	131	70	32	8	1	...
	All employees:											
	Number.....	45,308	247	458	1,512	5,097	9,457	10,963	17,574	(D)	(D)	...
	Payroll.....\$1,000..	126,909	786	1,388	4,202	14,166	25,998	30,970	49,399	(D)	(D)	...
	Value added, adjusted..do..	231,373	5,266	3,709	8,876	23,676	42,399	52,259	95,188	(D)	(D)	...
	Value of production...do..	523,480	7,950	7,415	22,364	56,817	101,040	121,938	205,956	(D)	(D)	...
	Capital expend., new..do....	3,586	(¹)	(¹)	(¹)	(¹)	512	821	1,159	(D)	(D)	...
2341-03	Jobbers:											
	Number of establishments...	147	48	31	29	29	5	3	2	...	...	...
	All employees:											
	Number.....	3,032	115	218	398	831	320	1,150	(D)	...	...	...
	Payroll.....\$1,000..	14,623	706	1,403	2,473	5,285	1,045	3,711	(D)	...	...	...
	Value added, adjusted..do..	41,425	2,679	4,824	6,686	16,628	2,324	8,284	(D)	...	...	...
	Value of production...do..	209,323	16,463	25,114	30,907	89,679	13,479	33,681	(D)	...	...	...
	Capital expend., new..do....	(¹)	(¹)	(¹)	(¹)	(¹)	(D)	(D)	(D)	...	...	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-21

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2341-04	Contractors:											
	Number of establishments...	402	18	36	67	142	62	61	14	2	...	...
	All employees:											
	Number.....	25,187	40	246	945	4,579	4,273	15,104	(D)	(D)	...	...
	Payroll.....\$1,000...	58,120	90	568	2,282	10,569	9,738	34,873	(D)	(D)	...	...
	Value added, adjusted..do....	74,907	116	868	3,067	14,436	12,194	44,226	(D)	(D)	...	...
	Value of production..do....	81,918	317	1,030	3,523	15,971	13,269	47,808	(D)	(D)	...	...
	Capital expend., new..do....	1,529	(1)	(1)	(1)	(1)	(1)	830	(D)	(D)	...	...
2342	Corsets and allied garments:											
	Number of establishments....	414	55	36	44	85	78	83	23	8	2	...
	All employees:											
	Number.....	37,808	115	241	651	2,714	5,878	12,661	7,402	8,146	(D)	...
	Payroll.....\$1,000...	121,939	317	801	2,115	8,759	17,353	40,269	20,052	32,273	(D)	...
	Value added, adjusted..do....	248,543	899	1,254	3,813	14,830	27,482	68,584	43,383	88,298	(D)	...
	Value of production..do....	467,485	2,195	3,992	10,000	38,120	50,396	131,916	67,759	163,107	(D)	...
	Capital expend., new..do....	2,739	(1)	(1)	(1)	(1)	(1)	967	(1)	(1)	(D)	...
2342-02	Manufacturers:											
	Number of establishments...	290	45	27	31	67	50	51	12	6	1	...
	All employees:											
	Number.....	23,878	98	185	471	2,122	3,665	7,785	9,552	(D)	(D)	...
	Payroll.....\$1,000...	81,517	256	601	1,435	6,661	11,816	26,496	34,252	(D)	(D)	...
	Value added, adjusted..do....	180,040	469	844	2,465	10,786	20,618	46,589	98,269	(D)	(D)	...
	Value of production..do....	326,993	1,069	2,358	4,565	21,841	39,954	85,711	171,495	(D)	(D)	...
	Capital expend., new..do....	1,850	(1)	(1)	(1)	(1)	(1)	610	537	(D)	(D)	...
2342-03	Jobbers:											
	Number of establishments...	27	7	2	3	4	2	6	1	1	1	...
	All employees:											
	Number.....	3,275	23	(D)	37	300	(D)	2,915	(D)	(D)	(D)	...
	Payroll.....\$1,000...	14,679	112	(D)	277	1,819	(D)	12,471	(D)	(D)	(D)	...
	Value added, adjusted..do....	36,648	604	(D)	724	3,568	(D)	31,752	(D)	(D)	(D)	...
	Value of production..do....	107,454	2,305	(D)	4,781	19,227	(D)	81,141	(D)	(D)	(D)	...
	Capital expend., new..do....	(1)	...	...	(1)	(1)	(D)	(1)	(D)	(D)	(D)	...
2342-04	Contractors:											
	Number of establishments...	97	3	7	10	14	26	26	10	1	...	...
	All employees:											
	Number.....	10,655	50	(D)	143	2,505	(D)	7,957	(D)	(D)	...	...
	Payroll.....\$1,000...	25,743	149	(D)	403	5,816	(D)	19,375	(D)	(D)	...	...
	Value added, adjusted..do....	31,855	236	(D)	624	7,340	(D)	23,655	(D)	(D)	...	...
	Value of production..do....	33,038	455	(D)	654	7,494	(D)	24,435	(D)	(D)	...	...
	Capital expend., new..do....	611	(1)	(D)	(1)	(1)	(D)	(1)	(D)	(D)	...	...
2351	Millinery:											
	Number of establishments....	803	192	150	177	201	60	18	3	2	...	...
	All employees:											
	Number.....	17,838	420	1,031	2,481	6,081	3,705	2,220	1,900	(D)	...	...
	Payroll.....\$1,000...	64,095	1,473	3,744	9,026	22,824	13,379	7,687	5,962	(D)	...	...
	Value added, adjusted..do....	109,133	3,419	7,688	16,277	39,537	22,979	10,855	8,378	(D)	...	...
	Value of production..do....	190,263	6,424	13,424	29,426	69,039	38,826	20,194	12,551	(D)	...	...
	Capital expend., new..do....	1,371	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...
2352	Hats and caps:											
	Number of establishments....	446	104	78	95	87	44	29	5	2	2	...
	All employees:											
	Number.....	17,701	219	521	1,282	2,928	3,189	4,182	1,840	3,540	(D)	...
	Payroll.....\$1,000...	59,334	619	1,688	4,266	9,381	9,283	12,799	6,847	14,451	(D)	...
	Value added, adjusted..do....	91,298	1,590	3,208	7,097	14,369	14,578	20,406	11,166	18,884	(D)	...
	Value of production..do....	170,692	3,479	7,186	13,577	27,716	28,548	39,139	21,819	29,228	(D)	...
	Capital expend., new..do....	1,075	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...
2361	Children's dresses:											
	Number of establishments....	802	91	87	137	278	119	74	14	2	...	...
	All employees:											
	Number.....	36,123	224	617	1,948	8,868	8,176	10,413	5,877	(D)	...	...
	Payroll.....\$1,000...	100,818	610	2,189	6,016	23,814	22,091	29,418	16,680	(D)	...	...
	Value added, adjusted..do....	167,094	2,269	5,788	12,453	38,313	36,146	45,714	26,411	(D)	...	...
	Value of production..do....	355,372	7,800	16,164	33,950	81,562	67,517	92,255	56,124	(D)	...	...
	Capital expend., new..do....	1,847	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
2361-02	Manufacturers:											
	Number of establishments...	278	54	41	50	69	34	24	5	1	...	...
	All employees:											
	Number.....	11,376	126	281	701	2,176	2,411	3,308	2,373	(D)	...	...
	Payroll.....\$1,000...	32,694	242	717	1,859	5,862	7,258	10,382	6,374	(D)	...	...
	Value added, adjusted..do....	58,812	765	2,837	3,972	10,376	12,143	18,155	10,564	(D)	...	...
	Value of production..do....	116,923	1,368	4,489	7,330	20,380	24,870	36,063	22,423	(D)	...	...
	Capital expend., new..do....	825	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									1,000- 2,499 employees	2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees			
2361-03	Jobbers:												
	Number of establishments...	124	25	22	26	28	12	8	2	1	...	...
	All employees:												
	Number.....	4,754	65	165	354	886	858	1,156	1,270	(D)	...	...
	Payroll.....\$1,000..	20,030	273	979	1,875	4,520	2,859	4,616	4,908	(D)	...	...
	Value added, adjusted..do....	48,858	1,371	2,148	5,335	10,754	9,117	10,552	9,581	(D)	...	...
	Value of production..do....	175,211	6,232	10,805	22,973	42,982	27,190	37,791	27,238	(D)	...	...
Capital expend., new.do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
2361-04	Contractors:												
	Number of establishments...	400	12	24	61	181	73	42	7	...	...	...
	All employees:												
	Number.....	19,993	33	171	893	5,806	4,907	5,949	2,234	...	...	...
	Payroll.....\$1,000..	48,094	95	493	2,282	13,432	11,974	14,420	5,398	...	...	...
	Value added, adjusted..do....	59,424	133	803	3,146	17,183	14,886	17,007	6,266	...	...	...
	Value of production..do....	63,238	200	870	3,647	18,200	15,457	18,401	6,463	...	...	...
Capital expend., new.do....	630	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...
2363	Children's coats:												
	Number of establishments.....	370	44	35	81	131	57	20	2	...	...	...
	All employees:												
	Number.....	12,798	105	251	1,198	3,923	4,057	3,264	(D)	...	...	...
	Payroll.....\$1,000..	42,435	447	961	4,249	13,505	12,681	10,592	(D)	...	...	...
	Value added, adjusted..do....	68,205	1,164	2,406	7,950	21,935	18,815	15,935	(D)	...	...	...
	Value of production....do....	163,821	4,549	8,525	23,631	58,447	40,017	28,652	(D)	...	...	...
Capital expend., new...do....	783	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...
2363-02	Manufacturers:												
	Number of establishments...	136	19	10	24	45	26	11	1	...	...	...
	All employees:												
	Number.....	5,339	41	71	343	1,311	1,853	1,720	(D)	...	...	...
	Payroll.....\$1,000..	18,457	132	253	1,036	4,852	6,112	6,072	(D)	...	...	...
	Value added, adjusted..do....	30,849	410	733	2,005	8,014	9,575	10,112	(D)	...	...	...
	Value of production..do....	70,665	1,195	1,484	5,444	19,943	22,185	20,414	(D)	...	...	...
Capital expend., new.do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...
2363-03	Jobbers:												
	Number of establishments...	66	15	12	19	16	3	1	...	...	...	...
	All employees:												
	Number.....	1,164	36	81	257	434	356	(D)	...	...	...	...
	Payroll.....\$1,000..	7,207	200	473	1,538	2,972	2,024	(D)	...	...	...	...
	Value added, adjusted..do....	15,936	621	1,325	3,731	6,801	3,458	(D)	...	...	...	...
	Value of production..do....	70,617	3,162	6,673	15,827	30,900	14,055	(D)	...	...	...	...
Capital expend., new.do....	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...	...
2363-04	Contractors:												
	Number of establishments...	168	10	13	38	70	28	8	1	...	...	...
	All employees:												
	Number.....	6,295	28	99	598	2,178	3,392	(D)	(D)	...	...	...
	Payroll.....\$1,000..	16,771	115	235	1,675	5,681	9,065	(D)	(D)	...	...	...
	Value added, adjusted..do....	21,420	133	348	2,214	7,120	11,605	(D)	(D)	...	...	...
	Value of production..do....	22,539	192	368	2,360	7,604	12,015	(D)	(D)	...	...	...
Capital expend., new.do....	(1)	...	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...
2369	Children's outerwear, nec:												
	Number of establishments.....	756	161	99	119	200	105	59	10	2	1	...	
	All employees:												
	Number.....	31,888	342	687	1,640	6,334	7,140	9,286	3,071	3,388	(D)	...	
	Payroll.....\$1,000..	87,931	1,075	2,469	4,563	17,810	20,514	24,246	7,668	9,586	(D)	...	
	Value added, adjusted..do....	146,050	3,059	4,727	9,173	31,102	29,440	38,704	11,105	18,740	(D)	...	
	Value of production....do....	324,052	11,568	15,200	23,501	76,080	68,840	66,999	24,884	36,980	(D)	...	
Capital expend., new...do....	2,384	(1)	(1)	(1)	(1)	(1)	630	(1)	(1)	(D)	...		
2369-02	Manufacturers:												
	Number of establishments...	421	111	60	63	85	56	35	8	2	1	...	
	All employees:												
	Number.....	19,077	232	434	870	2,659	3,788	7,706	(D)	3,388	(D)	...	
	Payroll.....\$1,000..	52,103	642	1,209	2,206	7,640	10,634	20,186	(D)	9,586	(D)	...	
	Value added, adjusted..do....	87,072	1,570	2,142	4,234	12,669	15,052	32,665	(D)	18,740	(D)	...	
	Value of production..do....	186,808	5,098	5,485	10,027	30,216	33,738	65,264	(D)	36,980	(D)	...	
Capital expend., new.do....	1,367	(1)	(1)	(1)	(1)	(1)	(1)	(D)	(1)	(D)	...		

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-23

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2369-03	Jobbers:											
	Number of establishments.....	104	32	23	17	21	9	1	1	...	...	...
	All employees:											
	Number.....	2,187	67	147	227	660	1,086	(D)	(D)	...	...	...
	Payroll.....\$1,000..	9,735	304	990	1,111	3,122	4,208	(D)	(D)	...	...	...
	Value added, adjusted..do....	25,206	1,162	2,248	3,161	8,741	9,894	(D)	(D)	...	...	...
	Value of production....do....	100,748	6,106	9,198	11,439	35,213	38,792	(D)	(D)	...	...	...
2369-04	Contractors:											
	Number of establishments.....	231	18	16	39	94	40	23	1	...	...	...
	All employees:											
	Number.....	10,624	43	106	543	3,015	6,917	(D)	(D)	...	...	...
	Payroll.....\$1,000..	26,093	129	270	1,246	7,048	17,400	(D)	(D)	...	...	...
	Value added, adjusted..do....	33,772	327	337	1,778	9,692	21,638	(D)	(D)	...	...	...
	Value of production....do....	36,496	364	517	2,035	10,651	22,929	(D)	(D)	...	...	...
2371	Fur goods:											
	Number of establishments.....	1,651	1,060	351	162	65	11	2	...	...	...	...
	All employees:											
	Number.....	9,355	2,088	2,250	2,098	1,929	990	(D)	...	...	...	...
	Payroll.....\$1,000..	50,454	8,696	11,732	11,833	12,137	6,065	(D)	...	...	...	...
	Value added, adjusted..do....	95,411	23,697	21,092	21,431	20,277	8,914	(D)	...	...	...	...
	Value of production....do....	281,335	63,898	69,518	65,434	55,474	27,011	(D)	...	...	...	...
2381	Fabric dress and work gloves: ^a											
	Number of establishments.....	228	46	24	28	47	38	35	8	2	...	...
	All employees:											
	Number.....	13,941	78	169	397	1,502	2,627	5,322	3,846	(D)	...	...
	Payroll.....\$1,000..	32,870	205	433	1,087	3,318	6,059	12,297	9,471	(D)	...	...
	Value added, adjusted..do....	53,930	873	1,267	1,753	4,651	8,869	20,995	15,522	(D)	...	...
	Value of production....do....	118,749	2,366	2,712	4,828	10,311	20,322	44,004	34,206	(D)	...	...
2381-02	Manufacturers:											
	Number of establishments.....	187	28	17	24	42	33	33	8	2	...	...
	All employees:											
	Number.....	13,023	40	116	348	1,379	7,294	(D)	3,846	(D)	...	...
	Payroll.....\$1,000..	30,571	100	272	954	3,074	16,700	(D)	9,471	(D)	...	...
	Value added, adjusted..do....	49,942	375	888	1,392	4,373	27,322	(D)	15,522	(D)	...	...
	Value of production....do....	108,495	570	1,529	3,402	9,955	58,833	(D)	34,206	(D)	...	...
2384	Robes and dressing gowns:											
	Number of establishments.....	278	36	37	50	105	27	20	3	...	...	...
	All employees:											
	Number.....	10,625	81	249	722	3,345	1,860	3,425	943	...	...	...
	Payroll.....\$1,000..	30,461	335	900	2,142	9,598	4,891	10,030	2,565	...	...	...
	Value added, adjusted..do....	56,442	1,306	2,618	4,453	18,462	8,679	17,015	3,909	...	...	...
	Value of production....do....	132,671	5,104	7,363	13,043	44,005	14,871	41,112	7,173	...	...	...
2384-02	Manufacturers:											
	Number of establishments.....	110	16	19	10	38	13	11	3	...	...	...
	All employees:											
	Number.....	5,252	37	126	145	1,153	932	1,916	943	...	...	...
	Payroll.....\$1,000..	15,771	154	450	369	3,333	2,841	6,059	2,565	...	...	...
	Value added, adjusted..do....	29,399	293	1,162	726	6,944	6,023	10,342	3,909	...	...	...
	Value of production....do....	65,711	1,186	3,700	1,335	15,580	12,119	24,618	7,173	...	...	...
2384-03	Jobbers:											
	Number of establishments.....	47	11	8	12	13	...	3	...	...	...	...
	All employees:											
	Number.....	1,218	23	51	160	422	...	562	...	...	...	...
	Payroll.....\$1,000..	5,326	128	271	906	2,428	...	1,593	...	...	...	...
	Value added, adjusted..do....	14,497	829	1,150	2,508	6,311	...	3,699	...	...	...	...
	Value of production....do....	53,344	3,680	3,344	10,432	22,861	...	13,027	...	...	...	...
2384-04	Contractors:											
	Number of establishments.....	121	9	10	28	54	14	6	...	...	...	...
	All employees:											
	Number.....	4,155	21	72	417	1,770	928	947	...	...	...	...
	Payroll.....\$1,000..	9,364	53	179	867	3,837	2,050	2,378	...	...	...	...
	Value added, adjusted..do....	12,546	184	306	1,219	5,207	2,656	2,974	...	...	...	...
	Value of production....do....	13,616	238	319	1,276	5,564	2,752	3,467	...	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2385	Waterproof outer garments:											
	Number of establishments.....	277	44	32	65	69	39	18	8	2	...	...
	All employees:											
	Number.....	13,159	102	197	977	2,371	2,537	2,767	4,208	(D)	...	...
	Payroll.....\$1,000..	43,114	366	763	3,444	7,533	8,176	8,991	13,841	(D)	...	...
	Value added, adjusted..do....	73,070	1,204	2,293	7,110	11,742	11,909	14,645	24,167	(D)	...	...
	Value of production....do....	146,175	4,267	6,471	20,720	21,157	20,750	28,318	44,492	(D)	...	...
	Capital expend., new...do....	955	(1)	(1)	147	152	142	240	176	(D)	...	...
2385-02	Manufacturers:											
	Number of establishments.....	149	26	19	43	22	17	13	7	2	...	...
	All employees:											
	Number.....	8,709	51	113	638	766	1,123	6,018	(D)	(D)	...	...
	Payroll.....\$1,000..	28,349	150	274	1,880	2,155	3,403	20,487	(D)	(D)	...	...
	Value added, adjusted..do....	49,202	484	843	3,309	3,694	4,961	25,911	(D)	...	...	...
	Value of production....do....	94,536	741	1,405	6,397	6,945	9,995	69,053	(D)	...	...	...
2385-03	Jobbers:											
	Number of establishments.....	37	11	10	10	4	2	...	...	...	...	...
	All employees:											
	Number.....	475	33	63	139	240	(D)	...	...	...	...	...
	Payroll.....\$1,000..	3,215	175	449	924	1,667	(D)	...	...	...	...	...
	Value added, adjusted..do....	8,960	595	1,388	2,947	4,030	(D)	...	...	...	...	...
	Value of production....do....	35,146	3,392	4,996	13,374	13,384	(D)	...	...	...	...	...
2385-04	Contractors:											
	Number of establishments.....	91	7	3	12	43	20	5	1	...	...	...
	All employees:											
	Number.....	3,975	18	21	200	2,779	(D)	957	(D)	...	...	...
	Payroll.....\$1,000..	11,550	41	40	640	8,484	(D)	2,345	(D)	...	...	...
	Value added, adjusted..do....	14,908	125	62	854	10,966	(D)	2,901	(D)	...	...	...
	Value of production....do....	16,493	134	70	949	11,583	(D)	3,757	(D)	...	...	...
2386	Leather and sheeplined clothing: ⁶											
	Number of establishments.....	154	37	21	25	38	23	10	...	...	...	...
	All employees:											
	Number.....	4,626	75	139	348	1,212	1,519	1,333	...	...	...	...
	Payroll.....\$1,000..	16,166	205	412	1,203	4,571	4,885	4,890	...	...	...	...
	Value added, adjusted..do....	27,847	452	997	3,723	7,546	8,209	6,920	...	...	...	...
	Value of production....do....	65,734	1,633	3,006	10,512	14,965	15,765	19,853	...	...	...	...
	Capital expend., new...do....	338	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...	...
2386-02	Manufacturers:											
	Number of establishments.....	119	33	14	19	27	16	10	...	...	...	...
	All employees:											
	Number.....	3,739	69	90	264	864	1,119	1,333	...	...	...	...
	Payroll.....\$1,000..	13,117	195	255	789	3,423	3,565	4,890	...	...	...	...
	Value added, adjusted..do....	22,631	401	608	2,001	6,093	6,608	6,920	...	...	...	...
	Value of production....do....	53,903	1,159	1,239	4,420	13,238	13,994	19,853	...	...	...	...
2387	Apparel belts:											
	Number of establishments.....	455	119	92	100	99	29	13	3	...	...	...
	All employees:											
	Number.....	10,150	249	628	1,376	3,007	1,968	1,657	1,265	...	...	...
	Payroll.....\$1,000..	31,801	762	1,918	4,073	9,575	5,833	4,637	5,003	...	...	...
	Value added, adjusted..do....	53,726	1,939	3,539	7,810	15,313	9,204	6,276	9,645	...	...	...
	Value of production....do....	99,053	3,632	6,207	12,211	29,341	16,955	12,058	18,649	...	...	...
	Capital expend., new...do....	821	(1)	(1)	(1)	327	135	(1)	(1)	...	...	...
2387-02	Manufacturers:											
	Number of establishments.....	362	98	67	78	79	24	13	3	...	...	...
	All employees:											
	Number.....	8,722	208	468	1,093	2,397	1,634	1,657	1,265	...	...	...
	Payroll.....\$1,000..	27,667	635	1,441	3,336	7,817	4,798	4,637	5,003	...	...	...
	Value added, adjusted..do....	46,120	1,625	2,764	6,577	11,511	7,722	6,276	9,645	...	...	...
	Value of production....do....	86,867	3,191	5,122	10,474	22,631	14,742	12,058	18,649	...	...	...
2389	Apparel, nec:											
	Number of establishments.....	309	101	64	51	46	31	13	3	...	...	...
	All employees:											
	Number.....	7,525	199	432	712	1,410	2,077	1,874	821	...	...	...
	Payroll.....\$1,000..	23,087	610	1,202	2,368	4,287	5,890	6,311	2,419	...	...	...
	Value added, adjusted..do....	41,262	1,799	2,064	4,691	9,477	9,420	9,176	4,635	...	...	...
	Value of production....do....	94,904	4,748	5,389	12,578	23,659	20,108	20,217	8,205	...	...	...
	Capital expend., new...do....	517	109	(1)	(1)	(1)	(1)	110	(1)	...	...	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-25

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2389-02	Manufacturers:											
	Number of establishments.....	248	82	55	39	34	23	12	3	...	...	...
	All employees:											
	Number.....	6,224	158	366	556	1,033	3,290	(D)	821	...	...	...
	Payroll.....\$1,000..	19,484	406	1,008	1,765	3,202	10,684	(D)	2,419	...	...	...
	Value added, adjusted..do....	33,298	1,420	1,767	3,179	5,980	16,317	(D)	4,635	...	...	...
2389-03	Jobbers:											
	Number of establishments.....	26	10	5	5	5	1	...	...	...	...	...
	All employees:											
	Number.....	363	23	34	69	237	(D)	...	...	...	...	...
	Payroll.....\$1,000..	1,510	146	119	391	854	(D)	...	...	...	...	...
	Value added, adjusted..do....	4,588	295	193	1,182	2,918	(D)	...	...	...	...	...
2389-04	Contractors:											
	Number of establishments.....	35	9	4	7	7	7	1	...	...	...	...
	All employees:											
	Number.....	938	18	32	87	801	(D)	(D)	...	...	...	...
	Payroll.....\$1,000..	2,093	58	75	212	1,748	(D)	(D)	...	...	...	...
	Value added, adjusted..do....	3,376	84	104	330	2,858	(D)	(D)	...	...	...	...
2391	Curtains and draperies:											
	Number of establishments.....	783	330	123	124	124	50	27	4	1	...	...
	All employees:											
	Number.....	16,366	719	842	1,700	3,927	3,378	5,800	(D)	(D)	...	...
	Payroll.....\$1,000..	48,403	1,843	2,653	4,969	12,581	10,621	15,736	(D)	(D)	...	...
	Value added, adjusted..do....	87,273	5,519	4,900	9,125	20,254	18,838	28,637	(D)	(D)	...	...
2392	Housefurnishings, nec:											
	Number of establishments.....	1,205	417	202	193	209	98	64	19	3	...	...
	All employees:											
	Number.....	36,769	903	1,383	2,740	6,575	6,772	9,540	6,760	2,096	...	...
	Payroll.....\$1,000..	113,402	2,452	4,457	8,587	19,719	21,111	29,377	21,569	6,130	...	...
	Value added, adjusted..do....	218,295	6,413	8,960	17,280	38,230	37,264	52,597	43,451	14,100	...	...
2393	Textile bags:											
	Number of establishments.....	237	65	34	37	42	31	26	2	...	...	...
	All employees:											
	Number.....	9,114	133	246	524	1,285	2,261	4,665	(D)	...	...	...
	Payroll.....\$1,000..	30,047	339	774	1,617	3,991	7,198	16,128	(D)	...	...	...
	Value added, adjusted..do....	51,638	826	1,194	2,797	8,298	11,240	27,283	(D)	...	...	...
2394	Canvas products:											
	Number of establishments.....	851	432	186	109	96	17	8	3	...	...	...
	All employees:											
	Number.....	9,875	902	1,268	1,462	2,849	1,178	1,325	891	...	...	...
	Payroll.....\$1,000..	35,175	2,877	4,342	5,529	9,768	4,854	4,727	3,078	...	...	...
	Value added, adjusted..do....	53,696	6,167	7,186	8,314	15,422	6,781	5,099	4,727	...	...	...
2397	Schiffli machine embroideries:											
	Number of establishments.....	703	321	207	127	40	6	2	...	...	...	...
	All employees:											
	Number.....	5,739	705	1,406	1,661	1,224	743	(D)	...	...	...	...
	Payroll.....\$1,000..	24,451	2,754	6,271	7,272	5,205	2,949	(D)	...	...	...	...
	Value added, adjusted..do....	44,311	7,001	11,856	12,501	8,482	4,471	(D)	...	...	...	...
2398	Trimnings and stitching:											
	Number of establishments.....	2,189	921	448	406	313	79	17	1	2	2	...
	All employees:											
	Number.....	32,986	1,935	2,981	5,505	9,629	5,199	2,388	5,349	(D)	(D)	...
	Payroll.....\$1,000..	116,993	5,769	8,817	16,625	30,796	16,996	8,093	29,897	(D)	(D)	...
	Value added, adjusted..do....	177,784	13,332	16,894	27,344	51,985	27,912	11,320	28,997	(D)	(D)	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2399	Textile products, nec:											
	Number of establishments.....	919	424	139	144	133	40	32	6	1	...	...
	All employees:											
	Number.....	17,930	851	928	1,951	3,882	2,808	4,863	2,647	(D)	...	...
	Payroll.....\$1,000..	57,786	2,349	3,009	6,729	13,308	9,027	16,857	6,507	(D)	...	...
	Value added, adjusted..do....	98,087	5,664	5,100	10,128	23,571	14,368	28,271	10,985	(D)	...	...
	Value of shipments.....do....	247,113	12,674	12,739	25,879	54,330	34,557	68,687	38,247	(D)	...	...
	Capital expend., new...do....	2,781	655	(1)	(1)	610	(1)	(1)	(1)	(D)	...	...
24	Lumber and wood products:											
	Number of establishments.....	37,789	19,517	7,174	5,214	3,474	1,443	718	187	55	6	1
	All employees:											
	Number.....	581,302	38,020	47,453	70,229	106,150	99,424	109,009	64,039	37,346	9,632	(D)
	Payroll.....\$1,000..	1,986,109	87,543	113,595	186,342	349,683	358,551	418,614	265,997	161,165	44,619	(D)
	Value added, adjusted..do....	3,176,613	179,019	191,058	298,625	563,471	582,054	666,809	399,280	240,638	55,659	(D)
	Capital expend., new...do....	276,893	47,018	29,900	31,507	40,402	33,227	42,165	29,038	18,297	5,339	(D)
2411	Logging camps and contractors:											
	Number of establishments.....	12,805	8,959	2,295	997	429	85	29	7	4	...	...
	All employees:											
	Number.....	71,505	16,673	14,890	13,072	12,006	5,641	4,436	2,397	2,390	...	...
	Payroll.....\$1,000..	226,742	38,715	36,140	37,189	44,438	26,003	20,063	12,347	11,847	...	...
	Value added, adjusted..do....	387,418	89,263	63,320	62,079	70,763	41,397	28,181	16,708	15,707	...	...
	Value of shipments.....do....	865,340	171,934	127,279	124,133	158,239	97,652	86,464	47,223	52,416	...	...
	Capital expend., new...do....	67,904	25,185	13,265	9,800	9,139	4,502	3,226	1,653	1,134	...	...
2421	Sawmills and planing mills:											
	Number of establishments.....	15,636	7,108	3,294	2,748	1,574	562	254	68	23	4	1
	All employees:											
	Number.....	245,687	14,399	21,967	36,793	47,755	38,621	38,710	23,793	16,570	7,079	(D)
	Payroll.....\$1,000..	770,296	25,595	40,147	77,104	136,293	130,240	154,273	101,811	71,295	33,538	(D)
	Value added, adjusted..do....	1,194,650	43,919	59,904	121,795	225,019	219,141	241,157	154,762	95,629	33,324	(D)
	Value of shipments.....do....	2,914,315	108,893	156,334	300,338	597,513	551,476	559,376	342,752	193,924	103,709	(D)
	Capital expend., new...do....	129,369	15,728	11,248	14,667	19,938	16,044	16,208	18,671	12,257	4,608	(D)
2426	Hardwood dimension and flooring:											
	Number of establishments.....	436	57	48	68	99	92	61	8	3	...	...
	All employees:											
	Number.....	25,140	120	342	967	3,302	6,376	9,150	2,822	2,061	...	...
	Payroll.....\$1,000..	75,177	232	929	2,837	10,218	18,599	27,500	9,330	5,532	...	...
	Value added, adjusted..do....	110,354	408	1,370	4,641	15,293	27,587	39,021	12,548	9,486	...	...
	Value of shipments.....do....	260,645	1,095	3,223	9,958	34,148	65,726	96,371	26,900	23,224	...	...
	Capital expend., new...do....	7,645	(1)	(1)	(1)	1,004	1,263	3,226	(1)	1,141	...	...
2429	Special product sawmills, nec:											
	Number of establishments.....	478	167	103	103	75	23	7	...	...	...	...
	All employees:											
	Number.....	7,176	361	681	1,412	2,335	1,504	883	...	...	...	...
	Payroll.....\$1,000..	22,097	1,059	1,912	3,517	7,256	4,966	3,387	...	...	...	...
	Value added, adjusted..do....	36,123	2,304	3,660	5,991	11,190	8,169	4,809	...	...	...	...
	Value of shipments.....do....	89,381	5,714	8,906	15,311	25,797	20,433	13,220	...	...	...	...
	Capital expend., new...do....	1,682	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...	...
2431	Millwork plants:											
	Number of establishments.....	3,163	1,417	582	451	435	172	77	22	7	...	...
	All employees:											
	Number.....	61,962	2,815	3,872	6,258	13,495	11,714	11,331	7,728	4,749	...	...
	Payroll.....\$1,000..	267,997	11,363	16,422	27,729	59,955	51,258	48,140	30,957	22,173	...	...
	Value added, adjusted..do....	412,548	21,342	26,719	41,220	88,874	77,647	72,027	43,695	41,024	...	...
	Value of shipments.....do....	1,049,571	54,624	63,078	100,566	233,013	208,831	190,463	105,874	93,122	...	...
	Capital expend., new...do....	16,498	2,543	1,787	2,002	3,001	2,614	1,996	1,013	1,542	...	...
2432	Veneer and plywood plants:											
	Number of establishments.....	588	45	41	52	120	153	121	43	12	1	...
	All employees:											
	Number.....	59,346	84	283	722	4,094	11,048	19,556	14,568	8,991	(D)	...
	Payroll.....\$1,000..	240,821	279	819	2,370	12,644	38,447	79,988	66,762	39,512	(D)	...
	Value added, adjusted..do....	390,131	575	3,549	3,500	20,876	64,021	133,325	103,157	61,128	(D)	...
	Value of shipments.....do....	884,111	1,484	6,896	9,816	52,699	148,611	316,148	223,189	125,268	(D)	...
	Capital expend., new...do....	25,376	(1)	1,045	(1)	1,621	3,266	12,666	4,436	1,820	(D)	...
2433	Prefabricated wood products:											
	Number of establishments.....	374	85	52	87	86	33	25	4	1	1	...
	All employees:											
	Number.....	13,550	200	347	1,186	2,773	2,333	3,621	3,090	(D)	(D)	...
	Payroll.....\$1,000..	61,984	777	1,252	4,577	12,531	10,918	15,982	15,947	(D)	(D)	...
	Value added, adjusted..do....	122,344	1,380	3,330	7,865	21,503	21,753	32,120	34,393	(D)	(D)	...
	Value of shipments.....do....	322,279	4,409	7,605	23,568	58,876	51,948	88,990	86,883	(D)	(D)	...
	Capital expend., new...do....	4,418	(1)	(1)	575	1,084	(1)	707	1,206	(D)	(D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-27

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2441	Nailed wooden boxes and shooks:											
	Number of establishments.....	885	323	134	170	146	77	26	8	1	...	...
	All employees:											
	Number.....	20,916	662	901	2,384	4,538	5,368	4,021	3,042	(D)	...	...
	Payroll.....\$1,000..	68,517	1,876	2,868	7,015	14,487	17,762	11,932	12,577	(D)	...	...
	Value added, adjusted..do....	102,248	3,817	5,290	11,006	21,203	25,105	18,272	17,555	(D)	...	...
	Value of shipments.....do....	235,709	9,326	12,940	27,849	47,483	58,718	40,665	38,728	(D)	...	...
	Capital expend., new...do....	3,406	(1)	(1)	639	513	787	(1)	(1)	(D)	...	...
2442	Wirebound boxes and crates:											
	Number of establishments.....	98	21	10	8	6	21	20	11	1	...	...
	All employees:											
	Number.....	9,366	36	67	98	161	1,529	3,159	4,316	(D)	...	...
	Payroll.....\$1,000..	26,113	95	193	191	426	5,468	8,767	10,973	(D)	...	...
	Value added, adjusted..do....	43,109	233	392	309	787	9,011	15,295	17,082	(D)	...	...
	Value of shipments.....do....	93,388	502	867	593	2,008	20,457	32,826	36,135	(D)	...	...
	Capital expend., new...do....	1,209	(1)	(D)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
2443	Veneer and plywood containers:											
	Number of establishments.....	105	19	9	12	30	20	12	2	1	...	...
	All employees:											
	Number.....	5,416	41	62	181	954	1,356	2,822	(D)	(D)	...	...
	Payroll.....\$1,000..	12,850	99	140	389	2,385	3,434	6,403	(D)	(D)	...	...
	Value added, adjusted..do....	18,323	203	174	577	3,385	5,300	8,684	(D)	(D)	...	...
	Value of shipments.....do....	30,271	374	363	1,063	5,688	8,737	14,046	(D)	(D)	...	...
	Capital expend., new...do....	579	(1)	(D)	(1)	(1)	(1)	(1)	(D)	(D)	...	...
2445	Cooperage:											
	Number of establishments.....	190	88	35	32	18	6	9	2	...	...	...
	All employees:											
	Number.....	3,871	177	248	434	521	455	2,036	(D)	...	...	...
	Payroll.....\$1,000..	14,268	594	637	1,393	1,595	1,534	8,515	(D)	...	...	...
	Value added, adjusted..do....	19,843	1,243	1,315	2,085	2,560	1,922	10,718	(D)	...	...	...
	Value of shipments.....do....	70,070	4,021	3,351	6,310	8,476	10,024	37,888	(D)	...	...	...
	Capital expend., new...do....	1,138	(1)	(D)	(1)	(1)	(1)	633	(D)	...	...	...
2491	Wood preserving:											
	Number of establishments.....	306	73	36	49	64	60	21	3	...	...	...
	All employees:											
	Number.....	10,933	157	248	682	2,085	4,341	2,603	817	...	...	...
	Payroll.....\$1,000..	36,625	483	744	2,204	7,342	15,021	8,513	2,318	...	...	...
	Value added, adjusted..do....	72,508	1,006	1,532	4,610	16,628	31,213	14,833	2,686	...	...	...
	Value of shipments.....do....	202,957	2,297	3,828	12,980	42,136	87,371	43,180	11,165	...	...	...
	Capital expend., new...do....	3,661	(1)	(1)	(1)	678	1,251	955	(1)	...	...	...
2499	Wood products, nec:											
	Number of establishments.....	2,725	1,155	535	437	392	139	56	9	2	...	...
	All employees:											
	Number.....	46,434	2,295	3,545	6,040	12,131	9,138	8,343	4,942	(D)	...	...
	Payroll.....\$1,000..	162,622	6,376	11,392	19,827	40,113	34,901	30,161	19,852	(D)	...	...
	Value added, adjusted..do....	267,014	13,326	20,503	32,947	65,390	49,788	54,545	30,515	(D)	...	...
	Value of shipments.....do....	522,333	26,588	41,514	64,924	130,268	97,811	98,988	62,240	(D)	...	...
	Capital expend., new...do....	14,008	2,264	1,178	2,186	2,791	2,314	1,949	1,326	(D)	...	...
25	Furniture and fixtures:											
	Number of establishments.....	10,160	3,646	1,739	1,600	1,640	766	520	177	54	17	1
	All employees:											
	Number.....	347,599	7,529	11,557	22,028	51,453	53,763	79,588	60,192	35,705	25,784	(D)
	Payroll.....\$1,000..	1,388,669	26,477	43,736	88,453	205,284	217,425	311,762	239,384	145,376	110,772	(D)
	Value added, adjusted..do....	2,349,488	56,442	73,138	142,084	333,236	356,282	519,033	419,122	260,101	190,050	(D)
	Capital expend., new...do....	81,746	6,187	4,717	7,818	11,167	12,145	16,679	10,622	6,586	5,825	(D)
2511	Wood furniture, not upholstered:											
	Number of establishments.....	2,816	1,036	450	399	390	225	202	79	26	9	...
	All employees:											
	Number.....	125,320	2,087	3,000	5,461	12,486	16,112	30,774	27,293	16,320	11,787	...
	Payroll.....\$1,000..	442,181	7,737	11,347	20,124	44,236	59,557	108,609	94,063	56,394	40,114	...
	Value added, adjusted..do....	704,660	15,208	18,243	29,949	69,226	92,976	165,996	158,004	92,756	62,302	...
	Value of shipments.....do....	1,378,630	32,718	37,575	60,840	136,426	178,322	306,850	321,505	192,852	111,542	...
	Capital expend., new...do....	26,234	1,953	1,383	1,619	2,636	3,583	4,352	4,640	3,218	2,850	...
2512	Wood furniture, upholstered:											
	Number of establishments.....	1,761	469	290	319	355	177	117	27	7	...	...
	All employees:											
	Number.....	61,485	998	1,915	4,427	11,034	12,237	17,484	8,920	4,470	...	...
	Payroll.....\$1,000..	233,646	3,451	6,435	16,856	41,479	46,849	65,226	36,010	17,340	...	...
	Value added, adjusted..do....	391,243	7,254	10,658	25,801	63,950	75,244	110,018	64,915	33,403	...	...
	Value of shipments.....do....	783,100	14,800	22,612	53,026	129,148	149,320	225,454	122,772	65,968	...	...
	Capital expend., new...do....	11,124	(1)	(1)	2,397	1,756	2,627	1,631	1,394	554	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2514	Metal household furniture:											
	Number of establishments.....	627	162	102	90	133	63	49	22	6	...	...
	All employees:											
	Number.....	30,704	338	655	1,211	4,314	4,561	7,499	7,753	4,373	...	...
	Payroll.....\$1,000..	125,627	1,124	2,343	4,370	16,230	17,280	27,962	33,130	23,188	...	...
	Value added, adjusted..do....	218,746	2,508	3,997	9,063	29,925	30,896	50,825	49,969	41,563	...	...
	Value of shipments.....do....	501,147	6,814	10,550	23,868	63,525	71,084	121,955	121,849	81,502	...	...
	Capital expend., new...do....	5,694	(1)	(D)	(1)	1,060	580	1,376	768	1,080	...	...
2515	Mattresses and bedsprings:											
	Number of establishments.....	1,215	429	209	200	228	96	39	9	4	1	...
	All employees:											
	Number.....	31,703	914	1,391	2,851	7,220	6,442	5,853	7,032	(D)	(D)	...
	Payroll.....\$1,000..	132,258	2,496	4,620	11,014	28,475	27,754	25,298	32,601	(D)	(D)	...
	Value added, adjusted..do....	248,801	5,399	7,916	19,473	52,680	51,400	44,915	67,018	(D)	(D)	...
	Value of shipments.....do....	572,150	13,631	20,654	51,214	129,967	126,117	104,516	126,051	(D)	(D)	...
	Capital expend., new...do....	7,333	(1)	(1)	994	2,290	685	1,825	885	(D)	(D)	...
2519	Household furniture, nec:											
	Number of establishments.....	93	32	13	16	23	6	2	1	...	...	...
	All employees:											
	Number.....	2,205	72	84	232	715	1,102	(D)	(D)	...	...	...
	Payroll.....\$1,000..	8,383	200	331	821	2,718	4,313	(D)	(D)	...	...	...
	Value added, adjusted..do....	16,176	511	478	1,096	5,472	8,619	(D)	(D)	...	...	...
	Value of shipments.....do....	30,643	819	918	2,702	10,571	15,633	(D)	(D)	...	...	...
	Capital expend., new...do....	686	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...
2521	Wood office furniture:											
	Number of establishments.....	150	49	23	22	29	8	13	6	...	...	...
	All employees:											
	Number.....	5,821	106	160	304	949	2,393	(D)	1,909	...	...	...
	Payroll.....\$1,000..	23,516	395	630	1,427	4,047	9,236	(D)	7,781	...	...	...
	Value added, adjusted..do....	38,427	946	922	2,401	5,732	14,358	(D)	14,068	...	...	...
	Value of shipments.....do....	68,392	1,941	1,920	4,285	10,231	25,543	(D)	24,472	...	...	...
	Capital expend., new...do....	840	(1)	(1)	(1)	(1)	(1)	(D)	(1)	...	...	...
2522	Metal office furniture:											
	Number of establishments.....	151	32	12	19	32	20	19	10	5	1	1
	All employees:											
	Number.....	17,469	64	79	261	1,037	1,430	3,024	3,662	7,912	(D)	(D)
	Payroll.....\$1,000..	85,996	225	323	1,051	4,214	6,489	14,567	19,008	40,119	(D)	(D)
	Value added, adjusted..do....	173,673	517	498	2,918	7,311	11,762	33,181	43,791	73,695	(D)	(D)
	Value of shipments.....do....	286,004	1,598	959	4,601	13,203	20,755	56,330	65,476	123,082	(D)	(D)
	Capital expend., new...do....	5,253	(1)	(1)	(1)	(1)	611	837	1,397	1,740	(D)	(D)
2531	Public building furniture:											
	Number of establishments.....	390	110	67	66	70	49	17	7	3	1	...
	All employees:											
	Number.....	15,952	240	471	897	2,084	3,659	2,705	2,425	3,471	(D)	...
	Payroll.....\$1,000..	69,342	972	1,808	3,668	8,377	14,927	11,663	11,126	16,801	(D)	...
	Value added, adjusted..do....	112,881	1,649	3,677	5,417	12,437	23,491	18,893	16,557	30,760	(D)	...
	Value of shipments.....do....	208,406	3,934	6,633	11,404	25,040	45,341	34,469	27,542	54,043	(D)	...
	Capital expend., new...do....	4,941	(1)	(1)	(1)	(1)	1,001	1,658	(1)	542	(D)	...
254-	Partitions and office fixtures:											
	Number of establishments.....	1,848	709	372	341	271	97	44	9	3	2	...
	All employees:											
	Number.....	37,747	1,488	2,479	4,611	8,276	6,658	6,947	2,727	4,561	(D)	...
	Payroll.....\$1,000..	186,636	5,927	11,081	22,113	41,751	33,544	36,468	12,988	22,764	(D)	...
	Value added, adjusted..do....	301,250	12,542	17,713	34,094	62,521	52,962	55,247	24,931	41,240	(D)	...
	Value of shipments.....do....	538,872	25,601	33,872	63,160	111,809	93,649	97,788	41,271	71,722	(D)	...
	Capital expend., new...do....	13,644	2,254	1,550	1,388	1,887	2,673	1,657	1,172	1,063	(D)	...
2591	Venetian blinds and shades:											
	Number of establishments.....	850	522	155	88	63	8	8	4	...	2	...
	All employees:											
	Number.....	11,203	1,033	1,024	1,210	1,873	534	1,343	4,186	...	(D)	...
	Payroll.....\$1,000..	43,634	3,220	3,462	4,716	7,019	2,184	5,124	17,909	...	(D)	...
	Value added, adjusted..do....	83,442	8,359	6,494	7,990	12,510	3,786	9,991	34,312	...	(D)	...
	Value of shipments.....do....	187,024	19,663	16,561	21,312	31,978	9,008	21,700	66,802	...	(D)	...
	Capital expend., new...do....	3,306	607	(1)	(1)	(1)	(1)	1,045	724	...	(D)	...
2599	Furniture and fixtures, nec:											
	Number of establishments.....	259	96	46	40	46	17	10	3	...	1	...
	All employees:											
	Number.....	7,990	189	299	563	1,465	1,184	1,673	2,617	...	(D)	...
	Payroll.....\$1,000..	37,450	730	1,356	2,293	6,738	5,162	7,837	13,334	...	(D)	...
	Value added, adjusted..do....	60,189	1,549	2,542	3,882	11,472	8,343	13,932	18,469	...	(D)	...
	Value of shipments.....do....	110,360	3,448	5,444	7,974	23,132	15,524	23,794	31,044	...	(D)	...
	Capital expend., new...do....	2,691	(1)	(1)	(1)	(1)	(1)	1,821	(1)	...	(D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-29

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
26	Paper and allied products:											
	Number of establishments.....	5,271	774	528	745	1,095	727	861	328	152	56	5
	All employees:											
	Number.....	555,398	1,722	3,584	10,519	35,540	51,554	135,506	111,996	103,291	87,400	14,286
	Payroll.....\$1,000..	2,779,885	6,024	13,789	41,160	146,966	229,132	662,012	574,803	551,789	465,507	88,703
	Value added, adjusted..do....	5,707,474	14,842	27,451	78,675	276,968	448,680	1,299,196	1,134,079	1,245,257	1,055,517	126,809
	Capital expend., new...do....	618,488	3,034	3,241	10,868	28,582	46,453	108,188	103,630	169,536	117,001	27,955
2611	Pulp mills:											
	Number of establishments.....	59	3	1	7	11	6	10	11	8	2	...
	All employees:											
	Number.....	14,171	105	(D)	(D)	388	436	1,553	4,100	7,589	(D)	...
	Payroll.....\$1,000..	74,797	422	(D)	(D)	1,559	2,244	8,124	21,934	40,514	(D)	...
	Value added, adjusted..do....	196,026	1,400	(D)	(D)	3,693	3,795	17,857	66,117	103,164	(D)	...
	Value of shipments.....do....	427,997	3,889	(D)	(D)	9,124	9,017	43,896	148,948	213,123	(D)	...
	Capital expend., new...do....	42,991	(1)	...	(D)	2,305	1,381	1,513	4,685	33,048	(D)	...
2621	Paper mills, except building:											
	Number of establishments.....	354	21	7	8	40	44	88	63	52	27	4
	All employees:											
	Number.....	131,334	40	52	134	1,391	3,219	14,408	22,334	36,710	53,046	(D)
	Payroll.....\$1,000..	740,988	241	200	610	7,313	17,040	74,509	128,165	203,252	309,658	(D)
	Value added, adjusted..do....	1,541,818	351	349	1,031	13,978	34,867	147,516	253,038	451,718	638,970	(D)
	Value of shipments.....do....	3,259,415	1,048	785	2,214	38,434	84,332	355,418	598,314	991,952	1,186,918	(D)
	Capital expend., new...do....	256,479	(1)	(1)	(1)	2,203	18,168	15,992	38,794	85,600	95,559	(D)
2631	Paperboard mills:											
	Number of establishments.....	252	...	...	2	38	54	95	36	19	8	...
	All employees:											
	Number.....	57,086	...	...	1,396	(D)	3,915	14,556	11,747	12,342	13,130	...
	Payroll.....\$1,000..	321,765	...	...	7,000	(D)	21,598	80,704	69,147	73,871	69,445	...
	Value added, adjusted..do....	840,057	...	...	13,743	(D)	58,456	199,555	148,518	232,025	187,760	...
	Value of shipments.....do....	1,690,918	...	...	26,808	(D)	114,707	409,560	316,866	465,133	357,844	...
	Capital expend., new...do....	102,100	...	...	1,224	(D)	2,724	28,101	30,676	22,655	16,720	...
2641	Paper coating and glazing:											
	Number of establishments.....	340	61	43	60	71	40	38	15	9	3	...
	All employees:											
	Number.....	27,794	139	298	864	2,287	2,954	6,105	5,314	6,233	3,600	...
	Payroll.....\$1,000..	143,476	616	1,456	3,992	11,569	13,577	32,176	29,303	31,855	18,932	...
	Value added, adjusted..do....	319,588	1,831	2,693	8,670	24,174	29,488	74,376	51,852	99,907	26,597	...
	Value of shipments.....do....	805,185	3,961	6,770	22,396	61,918	84,530	191,795	150,298	199,179	84,338	...
	Capital expend., new...do....	16,827	(1)	546	(1)	1,834	1,647	5,214	3,385	2,562	1,095	...
2642	Envelopes:											
	Number of establishments.....	205	19	17	23	41	40	53	10	2	...	...
	All employees:											
	Number.....	17,757	50	123	320	1,363	2,798	8,493	4,610	(D)	...	...
	Payroll.....\$1,000..	84,566	181	482	1,289	5,955	13,705	41,172	21,782	(D)	...	...
	Value added, adjusted..do....	138,318	487	858	2,591	10,739	22,281	68,648	32,714	(D)	...	...
	Value of shipments.....do....	271,631	903	1,663	5,307	20,764	41,592	131,672	69,730	(D)	...	...
	Capital expend., new...do....	6,430	(1)	(1)	(1)	(1)	1,059	3,327	1,314	(D)	...	...
2643	Bags, except textile bags:											
	Number of establishments.....	461	74	57	79	87	51	75	27	9	2	...
	All employees:											
	Number.....	39,042	164	371	1,109	2,719	3,366	12,097	9,399	9,817	(D)	...
	Payroll.....\$1,000..	169,888	541	1,350	4,370	11,479	14,024	51,792	40,525	45,807	(D)	...
	Value added, adjusted..do....	308,874	1,443	2,621	8,674	20,103	28,183	101,668	71,958	74,224	(D)	...
	Value of shipments.....do....	908,521	5,499	8,048	26,123	57,036	74,244	286,957	213,647	236,967	(D)	...
	Capital expend., new...do....	17,747	(1)	(1)	1,648	1,531	1,257	6,092	3,609	2,866	(D)	...
2644	Wallpaper:											
	Number of establishments.....	73	13	19	12	12	7	9	1	...	...	...
	All employees:											
	Number.....	2,806	33	120	168	413	506	1,566	(D)	...	...	...
	Payroll.....\$1,000..	13,417	161	480	748	1,882	2,437	7,709	(D)	...	...	...
	Value added, adjusted..do....	21,463	398	783	1,236	3,443	4,381	11,222	(D)	...	...	...
	Value of shipments.....do....	40,840	1,097	1,366	2,414	6,297	7,230	22,436	(D)	...	...	...
	Capital expend., new...do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...
2645	Die cut paper and board:											
	Number of establishments.....	372	114	67	73	65	24	21	5	3	...	...
	All employees:											
	Number.....	12,209	250	458	982	2,077	1,574	3,233	3,635	(D)	...	...
	Payroll.....\$1,000..	58,512	896	1,852	3,931	8,668	6,389	15,302	21,474	(D)	...	...
	Value added, adjusted..do....	111,164	2,178	4,183	7,682	18,650	11,086	31,036	36,349	(D)	...	...
	Value of shipments.....do....	251,364	4,359	10,024	16,654	46,137	21,178	70,933	82,079	(D)	...	...
	Capital expend., new...do....	5,836	(1)	(1)	712	611	(1)	1,972	1,949	(D)	...	...

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2646	Pressed and molded pulp goods:											
	Number of establishments.....	55	15	5	7	10	6	6	4	2	...	...
	All employees:											
	Number.....	4,472	29	32	110	326	437	977	2,561	(D)	...	...
	Payroll.....\$1,000..	21,254	116	115	420	1,341	2,075	4,757	12,430	(D)	...	...
	Value added, adjusted..do....	49,819	196	125	797	2,521	6,428	13,255	26,497	(D)	...	...
	Value of shipments.....do....	78,780	367	269	1,854	4,588	8,683	21,581	41,438	(D)	...	...
	Capital expend., new...do....	2,170	(1)	(1)	(1)	(1)	(1)	551	723	(D)	...	...
2649	Paper and board products, nec.:											
	Number of establishments.....	739	200	89	126	142	75	64	27	12	4	...
	All employees:											
	Number.....	46,892	442	595	1,751	4,389	5,537	9,960	9,487	8,768	5,963	...
	Payroll.....\$1,000..	213,489	1,495	2,325	6,650	17,399	24,127	45,660	42,384	43,933	29,516	...
	Value added, adjusted..do....	463,668	3,584	4,984	12,957	33,829	45,139	94,740	98,461	91,183	78,791	...
	Value of shipments.....do....	1,245,092	8,476	11,279	28,571	79,926	117,602	274,126	231,689	269,562	223,861	...
	Capital expend., new...do....	26,504	1,438	566	1,018	2,950	2,176	8,475	3,326	3,577	2,978	...
2651	Folding paperboard boxes:											
	Number of establishments.....	514	47	56	70	115	97	83	32	13	1	...
	All employees:											
	Number.....	46,389	109	380	1,012	3,858	6,829	13,462	10,489	10,250	(D)	...
	Payroll.....\$1,000..	221,989	330	1,515	4,077	16,790	29,237	65,796	51,565	52,679	(D)	...
	Value added, adjusted..do....	391,031	674	2,994	6,878	28,923	49,906	114,076	97,534	92,806	(D)	...
	Value of shipments.....do....	887,209	2,039	6,529	15,639	62,116	109,156	243,138	216,751	231,841	(D)	...
	Capital expend., new...do....	22,333	(1)	(1)	511	2,221	2,612	6,980	3,350	6,312	(D)	...
2652	Set-up paperboard boxes:											
	Number of establishments.....	527	36	52	92	207	90	43	5	2	...	...
	All employees:											
	Number.....	23,532	93	365	1,387	6,671	6,170	6,105	2,741	(D)	...	...
	Payroll.....\$1,000..	80,924	278	1,024	4,174	21,699	21,211	22,046	10,492	(D)	...	...
	Value added, adjusted..do....	124,892	558	2,006	6,524	33,851	33,485	32,531	15,937	(D)	...	...
	Value of shipments.....do....	219,240	1,054	3,536	11,851	60,083	59,767	56,291	26,658	(D)	...	...
	Capital expend., new...do....	5,930	(1)	(1)	1,374	1,242	1,530	1,239	(1)	(D)	...	...
2653	Corrugated shipping containers:											
	Number of establishments.....	805	92	77	122	150	94	201	62	7	...	...
	All employees:											
	Number.....	70,792	201	512	1,673	4,760	6,882	32,014	20,116	4,584	...	...
	Payroll.....\$1,000..	345,117	610	1,972	7,107	19,869	31,422	161,986	99,653	22,498	...	...
	Value added, adjusted..do....	596,934	1,720	3,812	13,961	38,673	57,983	282,525	168,807	29,453	...	...
	Value of shipments.....do....	1,635,650	3,620	10,050	37,816	111,010	148,118	772,706	451,721	100,609	...	...
	Capital expend., new...do....	46,348	(1)	891	2,558	8,732	8,891	17,752	5,887	1,176	...	...
2654	Sanitary food containers:											
	Number of establishments.....	136	1	1	9	25	37	31	16	11	5	...
	All employees:											
	Number.....	29,493	1,011	(D)	(D)	(D)	2,684	4,608	5,210	6,720	9,260	...
	Payroll.....\$1,000..	139,131	4,011	(D)	(D)	(D)	11,049	20,717	25,844	33,324	44,186	...
	Value added, adjusted..do....	309,224	10,618	(D)	(D)	(D)	29,973	58,296	55,745	70,788	83,804	...
	Value of shipments.....do....	680,079	22,850	(D)	(D)	(D)	86,248	132,926	115,700	157,509	164,846	...
	Capital expend., new...do....	35,112	3,337	(D)	(D)	(D)	1,135	8,113	2,732	13,279	6,516	...
2655	Fiber cans, tubes, drums, etc.:											
	Number of establishments.....	198	36	20	30	47	35	25	4	...	1	...
	All employees:											
	Number.....	10,971	76	154	409	1,513	2,337	6,482	(D)	...	(D)	...
	Payroll.....\$1,000..	47,855	257	557	1,523	5,900	9,608	30,010	(D)	...	(D)	...
	Value added, adjusted..do....	79,548	704	1,124	2,752	10,747	15,577	48,644	(D)	...	(D)	...
	Value of shipments.....do....	165,627	1,372	2,225	5,306	24,924	34,744	97,056	(D)	...	(D)	...
	Capital expend., new...do....	8,098	(1)	(1)	(1)	822	1,013	6,113	(D)	...	(D)	...
2661	Building paper and board mills:											
	Number of establishments.....	7181	(7)	(7)	25	34	27	19	10	3	3	1
	All employees:											
	Number.....	20,658	(7)	(7)	356	1,140	1,910	3,093	3,754	2,047	8,161	(D)
	Payroll.....\$1,000..	102,717	(7)	(7)	1,326	5,178	9,389	16,095	18,609	10,514	40,968	(D)
	Value added, adjusted..do....	215,050	(7)	(7)	2,182	10,925	17,652	32,657	39,404	22,319	88,576	(D)
	Value of shipments.....do....	391,786	(7)	(7)	5,569	21,794	36,189	67,998	69,186	41,041	145,878	(D)
	Capital expend., new...do....	23,167	(7)	(7)	(1)	537	2,107	1,539	4,104	1,047	13,239	(D)

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-31

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
27	Printing and publishing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Capital expend., new...do....	35,368 864,101 4,479,679 7,922,962 408,610	16,517 34,191 123,457 298,042 48,286	6,985 46,258 194,580 353,639 25,210	5,030 68,162 320,003 531,501 33,375	3,971 120,209 611,079 1,001,205 45,844	1,478 101,751 539,390 903,813 37,775	889 136,225 717,825 1,275,350 44,741	278 96,497 500,027 923,270 43,770	126 87,192 470,438 868,560 32,479	80 120,600 669,564 1,133,122 65,998	14 53,016 333,316 634,459 31,132
2711	Newspapers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	8,250 294,258 1,493,136 2,516,921 3,628,021 139,871	3,434 7,801 21,944 45,811 76,806 14,201	1,929 12,762 41,516 72,018 105,679 5,982	1,163 15,637 57,348 94,953 128,474 7,136	904 27,448 114,328 187,711 238,709 8,742	354 24,890 115,518 191,767 239,741 8,985	258 39,574 199,216 349,911 444,930 13,774	105 36,823 187,976 349,234 472,874 18,010	55 40,652 221,260 394,234 580,208 12,891	42 65,338 389,077 615,690 973,449 43,116	6 23,333 144,953 215,512 367,151 7,034
2721	Periodicals: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	2,323 66,028 380,636 932,554 1,676,743 35,033	1,168 2,552 11,151 28,023 61,866 2,232	437 2,925 15,647 34,353 63,250 1,012	331 4,501 23,901 51,732 87,067 1,414	206 6,433 36,587 77,061 132,899 1,059	87 5,920 33,393 72,027 109,130 1,502	54 8,440 47,900 118,061 207,346 2,342	20 7,631 42,504 104,305 188,180 1,417	12 7,979 46,159 91,818 194,401 8,740	4 6,781 36,659 89,259 163,138 (D)	4 12,866 86,735 265,915 469,376 15,315
2721-02	Periodicals; publishing only: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	2,166 45,233 270,431 680,633 1,274,001 22,833	1,165 2,546 11,132 27,975 61,794 2,229	416 2,770 14,934 32,998 61,384 981	298 4,009 21,720 48,200 82,300 1,329	169 5,193 30,949 66,572 115,898 646	59 3,934 23,246 53,890 86,498 1,026	36 5,556 34,807 89,497 166,949 957	11 1,176 23,477 56,395 109,233 (1)	7 17,049 110,166 305,106 589,945 15,561	2 (D) (D) (D) (D) (D)	3 (D) (D) (D) (D) (D)
2721-04	Periodicals; publishing and printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	157 20,795 110,205 251,921 402,742 12,200	3 6 19 48 72 ...	21 155 713 1,555 1,866 ...	33 492 2,181 3,532 4,767 (1)	37 1,240 5,638 10,489 17,001 (1)	28 1,986 10,147 18,137 22,632 (1)	18 2,884 13,093 28,564 40,487 1,385	9 3,455 19,027 47,910 78,947 1,313	5 10,577 59,387 141,886 236,970 8,494	2 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)
2731	Books, publishing and printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	903 40,069 193,854 616,241 1,033,144 13,090	411 823 3,196 12,384 24,056 813	155 1,009 5,194 16,608 32,473 684	104 1,434 6,785 20,268 33,456 (1)	93 2,936 15,092 60,817 117,279 559	58 4,172 22,383 85,996 156,378 1,189	51 7,610 37,495 121,006 210,891 2,416	15 4,886 25,108 71,568 108,055 2,182	9 5,595 29,292 107,582 159,060 3,677	7 11,604 49,309 120,012 191,496 1,291	..................
2731-02	Books, publishing only: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	818 27,851 135,586 518,794 868,572 10,005	408 818 3,180 12,365 24,023 813	144 932 4,810 15,073 30,109 670	92 1,243 5,900 17,883 30,143 (1)	76 2,413 12,953 56,776 111,766 (1)	47 3,446 19,467 81,382 149,013 1,130	34 5,062 26,638 102,410 180,344 1,746	7 2,370 14,572 53,711 78,338 1,384	5 11,567 48,066 179,194 264,836 3,574	5 (D) (D) (D) (D) (D)	... ... ... ... ... ...
2731-04	Books, publishing and printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	85 12,218 58,268 97,447 164,572 3,085	3 5 16 19 33 ...	11 77 384 1,535 2,364 (1)	12 191 885 2,385 3,313 (1)	17 523 2,139 4,041 5,513 (1)	11 726 2,916 4,614 7,365 (1)	17 2,548 10,857 18,596 30,547 670	8 2,516 10,536 17,857 29,717 798	4 5,632 30,535 48,400 85,720 1,394	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...
2732	Book printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	791 28,625 143,990 226,793 357,652 10,846	362 717 2,593 6,341 11,824 636	141 959 4,291 7,414 13,800 (1)	83 1,101 5,914 9,157 16,110 506	111 3,524 19,346 28,942 46,794 930	37 2,383 13,356 21,483 31,437 1,122	36 5,716 29,498 46,989 73,432 1,287	11 4,012 17,843 30,082 45,285 989	7 5,451 25,745 33,611 50,285 1,030	3 4,762 25,404 42,774 68,110 3,876	..................

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—										
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over	
2741	Miscellaneous publishing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	1,105 19,870 95,518 206,851 316,928 5,993	627 1,231 4,812 17,001 26,731 2,022	201 1,331 5,415 13,690 21,172 689	113 1,562 6,950 15,129 23,864 709	90 2,690 12,061 25,379 35,926 538	32 2,299 10,862 21,880 27,582 (¹)	30 4,172 20,528 45,827 62,901 592	7 2,174 10,261 18,710 52,806 (¹)	3 4,411 24,629 49,235 65,946 840	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...
2751	Printing: letterpress: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	13,002 189,078 954,240 1,482,604 2,533,227 98,916	7,310 14,307 51,492 122,035 218,805 20,965	2,447 15,977 67,452 117,252 193,482 9,650	1,605 21,562 101,403 157,079 259,293 11,142	1,057 31,223 155,591 235,673 396,754 11,244	356 24,440 127,380 195,904 337,070 7,726	143 22,355 117,306 177,541 320,238 7,700	50 17,236 94,158 142,426 246,028 9,463	19 12,462 65,697 95,214 147,778 5,805	12 29,516 173,761 239,480 413,779 15,221	3 (D) (D) (D) (D) (D)	
2752	Printing: lithographic: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	3,746 89,678 519,506 797,397 1,341,551 51,541	81,321 82,740 812,167 828,607 853,264 83,203	8703 84,778 824,114 840,080 869,636 83,119	8696 89,439 851,031 881,358 8137,564 85,711	624 18,985 112,167 170,501 279,517 12,781	224 15,044 91,232 131,605 225,676 8,439	135 20,327 122,394 184,949 310,208 7,803	31 10,177 58,524 91,822 154,112 6,727	10 8,188 47,877 68,475 111,574 3,758	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...
2753	Engraving and plate printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	528 9,047 43,115 64,471 87,202 3,596	215 459 1,769 4,217 6,057 (¹)	117 796 3,321 5,298 7,594 (¹)	94 1,342 6,480 9,718 12,660 (¹)	73 2,082 9,488 14,272 19,234 785	16 1,155 4,626 6,433 8,909 (¹)	10 1,306 5,702 8,755 12,604 (¹)	2 1,907 11,729 15,778 20,144 1,186	... ... ... ... ... ...	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...
2761	Manifold business forms: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	704 23,618 120,945 245,229 405,731 14,755	8539		82,841		2,302	2,545	5,409	4,810	5,711	(D)	...
			812,311		823,318		11,759	12,192	26,565	24,886	33,232	(D)	...
			842,152		823,318		23,199	25,608	54,941	54,757	63,406	(D)	...
			83,163		842,152		38,552	43,626	91,259	89,152	100,990	(D)	...
			1,941		83,163		3,066	2,112	2,838	1,635	(D)
2771	Greeting cards: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	282 21,777 89,405 178,563 291,480 5,154	114 231 725 2,346 4,688 (¹)	43 295 1,211 2,667 4,686 (¹)	25 361 1,620 3,937 7,658 (¹)	37 1,211 4,531 9,223 16,046 (¹)	21 1,457 6,812 11,885 21,444 (¹)	27 4,622 16,714 28,500 49,920 692	9 3,298 11,272 23,772 44,777 (¹)	... ... ... ... ... ...	5 10,302 46,520 96,233 142,261 2,881	1 (D) (D) (D) (D) (D)
2782	Blankbook; looseleaf binders: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	434 17,872 79,024 132,660 217,862 6,805	141 278 1,063 2,452 3,741 (¹)	67 453 1,806 3,378 5,438 579	60 826 3,541 5,908 10,546 (¹)	74 2,280 9,926 16,002 26,497 682	46 3,325 15,140 23,505 41,098 995	36 5,401 24,223 39,293 64,892 2,108	5 1,748 6,742 9,648 16,324 (¹)	5 3,561 16,583 32,474 49,326 1,450	... ... ... ... ... ...	
2789	Bookbinding and related work: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	972 22,160 87,448 132,722 181,987 6,621	309 674 2,047 5,210 6,615 (¹)	178 1,181 4,347 7,598 10,066 518	191 2,649 10,355 16,129 20,581 935	199 6,059 24,282 36,368 46,235 2,055	62 4,270 17,244 24,932 33,850 1,328	26 4,168 16,168 24,338 36,159 1,093	6 3,159 13,005 18,147 28,481 (¹)	... ... ... ... ... ...	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...
2791	Typesetting: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	1,188 18,011 109,352 155,123 177,186 7,181	504 1,071 4,867 10,757 12,969 822	224 1,502 8,172 12,688 15,073 698	213 2,929 16,619 24,797 28,287 1,635	162 4,859 29,825 41,516 47,067 1,745	63 4,168 26,759 34,603 39,693 936	20 3,482 23,110 30,762 34,097 1,345	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...	... ... ... ... ... ...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-33

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2793	Photoengraving:											
	Number of establishments.....	914	253	184	205	197	57	18	...	...	...	...
	All employees:											
	Number.....	17,251	595	1,228	2,835	6,028	3,740	2,825	...	...	...	...
	Payroll.....\$1,000..	125,337	2,928	7,362	17,761	42,401	29,484	25,401	...	...	...	...
	Value added, adjusted..do...	172,158	6,516	11,845	25,131	55,996	38,434	34,236	...	...	...	...
	Value of shipments.....do...	208,911	8,915	15,517	30,804	67,212	45,045	41,418	...	...	...	...
	Capital expend., new...do....	6,992	658	641	1,981	1,876	1,097	739	...	...	...	...
2794	Electrotyping and stereotyping:											
	Number of establishments.....	226	40	30	45	70	29	11	1	...	...	...
	All employees:											
	Number.....	6,759	90	198	629	2,149	1,943	1,750	(D)	...	...	...
	Payroll.....\$1,000..	44,173	409	1,083	3,927	13,695	13,009	12,050	(D)	...	...	...
	Value added, adjusted..do...	62,675	707	1,632	5,640	18,546	17,751	18,399	(D)	...	...	...
	Value of shipments.....do...	81,143	1,393	2,229	7,459	23,201	23,256	23,605	(D)	...	...	...
	Capital expend., new...do....	2,216	(1)	(1)	(1)	(1)	(1)	1,052	(D)	...	...	...
28	Chemicals and allied products:											
	Number of establishments.....	11,309	4,034	1,794	1,730	1,790	818	641	254	133	80	35
	All employees:											
	Number.....	699,166	8,330	12,145	23,607	55,667	57,140	100,529	88,692	93,525	122,914	136,617
	Payroll.....\$1,000..	3,947,175	32,280	56,595	116,378	278,638	292,229	527,615	499,320	548,965	722,194	872,961
	Value added, adjusted..do...	12,270,371	100,855	147,477	294,517	742,253	822,090	1,686,477	1,839,915	2,031,242	2,126,792	2,478,753
	Capital expend., new...do....	1,115,806	12,075	12,779	33,309	70,463	67,182	144,101	182,819	224,594	208,207	159,277
2812	Alkalies and chlorine:											
	Number of establishments.....	34	1	...	1	1	5	10	3	8	4	1
	All employees:											
	Number.....	20,476	441	...	(D)	(D)	(D)	1,740	1,072	6,647	10,576	(D)
	Payroll.....\$1,000..	115,024	2,383	...	(D)	(D)	(D)	10,085	6,420	39,862	56,274	(D)
	Value added, adjusted..do...	306,187	7,085	...	(D)	(D)	(D)	39,610	35,442	107,689	116,361	(D)
	Value of shipments.....do...	504,309	15,701	...	(D)	(D)	(D)	71,477	49,009	167,434	200,688	(D)
	Capital expend., new...do....	27,871	6,118	...	...	...	(D)	(D)	4,699	11,479	5,575	(D)
2813	Industrial gases:											
	Number of establishments.....	491	112	83	119	131	31	14	1	...	...	...
	All employees:											
	Number.....	10,642	235	594	1,694	3,864	1,968	2,287	(D)	...	...	...
	Payroll.....\$1,000..	56,661	1,147	3,126	8,909	20,526	10,442	12,511	(D)	...	...	...
	Value added, adjusted..do...	174,249	12,207	10,920	22,259	64,194	25,199	39,470	(D)	...	...	...
	Value of shipments.....do...	277,441	20,859	18,065	39,149	93,230	36,553	69,585	(D)	...	...	...
	Capital expend., new...do....	41,761	4,876	2,819	4,046	16,153	5,138	8,729	(D)	...	...	...
2814	Cyclic (coal tar) crudes:											
	Number of establishments.....	45	4	9	9	12	7	2	2	...	...	...
	All employees:											
	Number.....	2,084	215	(D)	(D)	1,869	(D)	(D)	(D)	...	...	...
	Payroll.....\$1,000..	12,008	1,140	(D)	(D)	10,868	(D)	(D)	(D)	...	...	...
	Value added, adjusted..do...	29,993	3,369	(D)	(D)	26,624	(D)	(D)	(D)	...	...	...
	Value of shipments.....do...	116,972	15,448	(D)	(D)	101,524	(D)	(D)	(D)	...	...	...
	Capital expend., new...do....	4,036	(1)	(D)	(D)	3,812	(D)	(D)	(D)	...	...	...
2815	Intermediate coal tar products:											
	Number of establishments.....	115	9	6	13	24	23	17	8	8	6	1
	All employees:											
	Number.....	26,218	18	45	170	816	1,599	3,051	2,516	5,762	12,241	(D)
	Payroll.....\$1,000..	155,411	91	350	1,116	4,441	9,049	16,824	13,993	33,046	76,501	(D)
	Value added, adjusted..do...	373,106	833	857	1,660	10,018	23,893	48,579	36,183	69,113	181,970	(D)
	Value of shipments.....do...	817,387	4,673	1,673	6,604	25,088	57,247	111,255	77,697	156,206	376,944	(D)
	Capital expend., new...do....	73,919	(1)	(1)	(1)	7,003	1,449	3,933	23,145	7,169	30,756	(D)
2816	Inorganic pigments:											
	Number of establishments.....	99	13	16	13	20	13	13	7	2	2	...
	All employees:											
	Number.....	11,368	23	111	173	670	954	2,162	7,275	(D)	(D)	...
	Payroll.....\$1,000..	61,867	98	555	920	3,376	4,621	10,579	41,718	(D)	(D)	...
	Value added, adjusted..do...	235,658	234	2,195	2,951	7,754	10,246	28,021	184,257	(D)	(D)	...
	Value of shipments.....do...	417,673	854	5,374	9,644	25,057	28,125	78,278	270,341	(D)	(D)	...
	Capital expend., new...do....	25,653	(1)	(1)	(1)	(1)	(1)	2,981	21,851	(D)	(D)	...
2818	Organic chemicals, nec:											
	Number of establishments.....	334	67	43	39	62	37	27	28	15	9	7
	All employees:											
	Number.....	77,442	157	281	527	2,064	2,730	4,245	9,343	10,696	16,611	30,788
	Payroll.....\$1,000..	508,433	860	1,588	3,014	11,778	15,492	25,173	54,726	69,037	107,190	219,575
	Value added, adjusted..do...	1,671,723	1,876	3,973	7,974	38,188	51,680	102,515	170,587	263,811	339,731	691,388
	Value of shipments.....do...	3,097,963	5,419	9,332	21,207	99,082	132,119	212,706	344,364	462,614	657,247	1,153,873
	Capital expend., new...do....	310,811	(1)	(1)	1,108	6,146	23,895	17,707	44,695	92,247	43,622	80,650

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2819	Inorganic chemicals, nec, total (all establishments—private and Government):											
	Number of establishments.....	580	127	70	82	106	61	64	37	18	8	7
	All employees:											
	Number.....	89,874	243	492	1,146	3,378	4,297	10,098	12,861	12,506	10,884	33,969
	Payroll.....\$1,000..	550,279	1,020	2,619	6,053	17,590	24,696	55,742	75,412	73,918	67,702	225,527
	Value added, adjusted ⁹ .do....	1,468,854	5,992	8,600	26,126	71,093	95,667	172,948	240,171	213,946	144,112	490,199
	Value of shipments ⁹ .do....	2,754,427	16,427	20,774	51,209	161,368	190,615	397,506	460,633	466,411	304,072	685,412
	Capital expend., new ¹⁰ .do....	129,375	622	2,720	10,686	13,750	5,732	19,863	25,206	37,208	13,588	(D)
2819-02	Privately-owned, privately operated establishments:											
	Number of establishments.....	569	127	70	81	106	60	64	37	18	5	1
	All employees:											
	Number.....	53,982	243	492	1,133	3,378	4,245	10,098	12,861	12,506	9,026	(D)
	Payroll.....\$1,000..	311,331	1,020	2,619	5,955	17,590	24,351	55,742	75,412	73,918	54,724	(D)
	Value added, adjusted ⁹ .do....	930,474	5,992	8,600	25,931	71,093	94,854	172,948	240,171	213,946	96,939	(D)
	Value of shipments.....do....	1,979,386	16,427	20,774	51,013	161,368	189,765	397,506	460,633	466,411	215,489	(D)
	Capital expend., new...do....	129,375	622	2,720	10,686	13,750	5,732	19,863	25,206	37,208	13,588	(D)
2821	Plastics materials:											
	Number of establishments.....	349	65	37	51	74	41	38	18	11	11	3
	All employees:											
	Number.....	51,003	147	243	704	2,359	2,830	6,857	6,057	7,688	15,863	8,255
	Payroll.....\$1,000..	308,212	809	1,226	3,752	12,853	16,567	40,228	37,444	45,205	101,109	49,019
	Value added, adjusted ⁹ .do....	871,956	2,054	2,994	10,179	39,051	39,986	104,790	120,285	173,094	246,079	133,444
	Value of shipments.....do....	1,846,667	7,794	11,991	32,614	117,220	106,570	249,351	245,067	310,834	522,498	244,728
	Capital expend., new...do....	138,601	(¹)	(¹)	536	5,247	3,089	19,281	26,819	26,724	40,278	16,164
2822	Synthetic rubber:											
	Number of establishments.....	18	...	...	1	...	1	2	7	5	2	...
	All employees:											
	Number.....	9,252	...	...	3,029	...	(D)	(D)	(D)	6,223	(D)	...
	Payroll.....\$1,000..	60,909	...	...	20,382	...	(D)	(D)	(D)	40,527	(D)	...
	Value added, adjusted ⁹ .do....	197,866	...	...	51,050	...	(D)	(D)	(D)	146,816	(D)	...
	Value of shipments.....do....	536,348	...	...	150,243	...	(D)	(D)	(D)	386,103	(D)	...
	Capital expend., new...do....	15,879	...	...	8,858	...	(D)	(D)	(D)	7,021	(D)	...
2823	Cellulosic man-made fibers:											
	Number of establishments.....	26	...	...	...	...	...	...	3	5	13	5
	All employees:											
	Number.....	42,597	...	...	...	...	...	...	1,176	3,663	22,264	15,494
	Payroll.....\$1,000..	211,513	...	...	...	...	...	...	5,261	17,656	107,284	81,312
	Value added, adjusted ⁹ .do....	390,310	...	...	...	...	...	...	8,086	43,890	208,131	130,203
	Value of shipments.....do....	722,818	...	...	...	...	...	...	19,485	90,974	389,951	222,408
	Capital expend., new...do....	42,619	...	...	...	...	...	...	625	1,307	23,539	17,148
2824	Organic fibers, noncellulosic:											
	Number of establishments.....	14	...	...	...	1	3	2	...	1	5	2
	All employees:											
	Number.....	18,684	...	...	...	18,684	(D)	(D)	...	(D)	(D)	(D)
	Payroll.....\$1,000..	102,742	...	...	...	102,742	(D)	(D)	...	(D)	(D)	(D)
	Value added, adjusted ⁹ .do....	439,638	...	...	...	439,638	(D)	(D)	...	(D)	(D)	(D)
	Value of shipments.....do....	688,365	...	...	...	688,365	(D)	(D)	...	(D)	(D)	(D)
	Capital expend., new...do....	28,638	...	...	...	28,638	(D)	(D)	...	(D)	(D)	(D)
2831	Biological products:											
	Number of establishments.....	116	49	16	16	15	8	10	2			
	All employees:											
	Number.....	3,692	104	105	218	427	596	2,242	(D)	...	...	...
	Payroll.....\$1,000..	16,218	391	389	1,150	1,780	2,898	9,610	(D)	...	...	...
	Value added, adjusted ⁹ .do....	38,947	885	972	2,171	3,664	7,023	24,232	(D)	...	...	...
	Value of shipments.....do....	63,833	1,614	1,894	4,881	6,045	11,676	37,723	(D)	...	...	...
	Capital expend., new...do....	4,565	(¹)	(¹)	(¹)	(¹)	619	3,526	(D)	...	...	...
2833	Medicinals and botanicals:											
	Number of establishments.....	129	41	17	21	22	10	10	3	3	1	1
	All employees:											
	Number.....	10,246	95	108	288	652	736	1,492	922	5,953	(D)	(D)
	Payroll.....\$1,000..	62,877	356	490	1,532	3,466	3,722	8,946	5,891	38,474	(D)	(D)
	Value added, adjusted ⁹ .do....	175,817	830	1,141	2,510	13,505	9,656	20,592	10,859	116,724	(D)	(D)
	Value of shipments.....do....	322,286	2,754	1,990	9,268	35,351	22,076	42,813	31,907	176,127	(D)	(D)
	Capital expend., new...do....	33,866	(¹)	(¹)	(¹)	605	1,198	7,308	662	23,598	(D)	(D)
2834	Pharmaceutical preparations:											
	Number of establishments.....	1,114	503	156	137	140	59	61	25	19	7	7
	All employees:											
	Number.....	82,002	999	1,040	1,863	4,349	3,979	9,609	9,220	13,874	8,970	28,099
	Payroll.....\$1,000..	466,596	3,189	4,374	8,080	19,626	16,915	48,504	48,328	77,544	56,329	183,707
	Value added, adjusted ⁹ .do....	1,881,524	9,254	10,706	18,119	53,050	47,040	261,681	243,041	400,708	213,832	624,093
	Value of shipments.....do....	2,591,831	15,219	18,300	35,014	95,220	74,778	359,547	338,017	528,623	305,756	821,357
	Capital expend., new...do....	66,652	1,923	728	1,216	2,226	905	6,245	4,733	14,448	10,412	23,816

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-35

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2841	Soaps and other detergents:											
	Number of establishments.....	608	266	99	80	78	31	25	16	7	5	1
	All employees:											
	Number.....	29,603	538	670	1,042	2,245	2,129	3,865	5,830	4,634	8,650	(D)
	Payroll.....\$1,000..	181,485	2,111	3,196	5,297	12,672	11,365	21,841	39,391	31,572	54,040	(D)
	Value added, adjusted..do....	857,585	5,594	9,358	13,796	31,759	34,611	98,468	220,789	173,616	269,594	(D)
	Value of shipments.....do....	1,605,935	12,056	21,151	29,111	70,956	65,595	190,562	428,742	306,547	481,213	(D)
	Capital expend., new...do....	17,795	(1)	531	(1)	909	693	3,017	2,411	4,876	4,792	(D)
2842	Polishes and sanitation goods:											
	Number of establishments.....	1,156	610	210	148	122	36	25	4	1	...	...
	All employees:											
	Number.....	16,429	1,180	1,432	1,952	3,627	2,447	3,545	2,246	(D)	...	...
	Payroll.....\$1,000..	82,594	3,848	6,366	9,465	18,540	12,802	18,166	13,407	(D)	...	...
	Value added, adjusted..do....	295,566	11,040	14,717	22,596	55,301	46,306	67,658	77,948	(D)	...	...
	Value of shipments.....do....	585,029	22,027	30,637	50,536	117,470	93,446	130,523	140,390	(D)	...	...
	Capital expend., new...do....	7,082	500	732	783	1,415	839	1,934	879	(D)	...	...
2843	Surface active agents:											
	Number of establishments.....	142	34	34	28	31	10	4	1	...	...	...
	All employees:											
	Number.....	3,122	60	225	394	976	642	825	(D)	...	...	...
	Payroll.....\$1,000..	19,484	311	1,422	2,765	6,154	4,367	4,465	(D)	...	...	...
	Value added, adjusted..do....	52,421	1,071	3,191	7,496	14,612	10,078	15,973	(D)	...	...	...
	Value of shipments.....do....	126,624	2,455	7,346	19,136	39,624	23,128	34,935	(D)	...	...	...
	Capital expend., new...do....	3,127	(1)	(1)	(1)	1,164	(1)	1,053	(D)	...	...	...
2844	Toilet preparations:											
	Number of establishments.....	748	384	108	75	77	39	34	20	8	3	...
	All employees:											
	Number.....	29,464	729	713	1,009	2,407	2,767	5,538	7,249	5,375	3,677	...
	Payroll.....\$1,000..	133,951	2,265	2,766	4,167	10,425	11,310	24,822	34,389	26,615	17,192	...
	Value added, adjusted..do....	697,529	7,174	7,706	11,079	25,658	62,495	105,544	221,908	166,997	88,968	...
	Value of shipments.....do....	1,059,161	12,577	14,449	20,721	50,283	87,138	173,453	324,800	245,016	130,724	...
	Capital expend., new...do....	14,314	(1)	(1)	(1)	726	1,028	1,610	4,111	4,472	1,258	...
2851	Paints and varnishes:											
	Number of establishments.....	1,591	459	269	286	279	159	108	24	5	2	...
	All employees:											
	Number.....	57,034	1,012	1,803	3,947	8,846	11,245	16,567	8,362	5,252	(D)	...
	Payroll.....\$1,000..	313,737	4,708	9,125	22,005	48,299	61,398	89,787	47,310	31,105	(D)	...
	Value added, adjusted..do....	783,285	11,080	19,540	46,865	99,297	134,616	236,064	154,106	81,717	(D)	...
	Value of shipments.....do....	1,831,262	31,121	50,795	122,784	253,065	331,066	548,831	321,824	171,776	(D)	...
	Capital expend., new...do....	29,395	621	633	2,300	3,234	4,192	10,372	4,106	3,937	(D)	...
2852	Putty and caulking compounds:											
	Number of establishments.....	118	43	28	24	18	4	...	1	...	...	...
	All employees:											
	Number.....	1,736	103	191	327	536	579	...	(D)	...	...	...
	Payroll.....\$1,000..	9,635	415	999	1,649	2,998	3,574	...	(D)	...	...	...
	Value added, adjusted..do....	23,610	1,099	2,482	5,492	6,462	8,075	...	(D)	...	...	...
	Value of shipments.....do....	47,471	2,700	4,945	10,902	14,751	14,173	...	(D)	...	...	...
	Capital expend., new...do....	1,148	(1)	(1)	(1)	(1)	811	...	(D)	...	...	...
2861	Gum and wood chemicals:											
	Number of establishments.....	190	83	35	31	16	5	13	4	3	...	...
	All employees:											
	Number.....	7,251	187	242	429	469	313	1,978	3,633	(D)	...	...
	Payroll.....\$1,000..	30,097	496	836	1,294	1,327	1,320	7,402	17,422	(D)	...	...
	Value added, adjusted..do....	85,302	1,607	2,454	4,018	3,199	4,490	17,748	51,786	(D)	...	...
	Value of shipments.....do....	182,176	2,843	6,390	10,549	11,337	8,051	40,713	102,293	(D)	...	...
	Capital expend., new...do....	4,928	(1)	(1)	(1)	(1)	1,402	2,616	(D)	...	...	...
2871	Fertilizers:											
	Number of establishments.....	283	33	17	28	73	77	47	7	1	...	...
	All employees:											
	Number.....	18,728	71	119	395	2,582	5,322	6,592	3,647	(D)	...	...
	Payroll.....\$1,000..	79,022	289	375	1,312	9,203	20,963	29,241	17,639	(D)	...	...
	Value added, adjusted..do....	197,943	575	788	3,151	22,245	52,459	64,746	53,979	(D)	...	...
	Value of shipments.....do....	605,249	1,685	3,784	12,415	91,836	184,877	197,629	113,023	(D)	...	...
	Capital expend., new...do....	24,276	(1)	(1)	(1)	1,779	5,909	11,714	4,440	(D)	...	...
2872	Fertilizers, mixing only:											
	Number of establishments.....	685	171	120	192	164	28	10	...	...	...	...
	All employees:											
	Number.....	12,161	381	841	2,646	5,014	1,887	1,392	...	...	...	...
	Payroll.....\$1,000..	43,610	1,403	2,707	9,265	17,644	7,542	5,049	...	...	...	...
	Value added, adjusted..do....	105,845	3,909	8,093	23,462	43,828	16,257	10,296	...	...	...	...
	Value of shipments.....do....	438,628	16,688	30,483	96,401	182,536	73,107	39,413	...	...	...	...
	Capital expend., new...do....	8,676	723	672	1,894	3,278	1,456	653	...	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2873 and 2879	Agricultural pesticides: Agricultural chemicals, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	337 7,790 37,789 110,993 333,105 6,977	117 245 791 2,855 11,277 (1)	56 366 1,331 4,671 14,850 (1)	63 838 4,003 10,966 42,320 (1)	67 2,005 8,582 22,070 81,671 837	19 1,351 6,462 14,930 58,013 995	10 1,305 6,948 16,037 70,451 2,736	5 1,680 9,672 39,464 48,521 1,374	...	...	...
2891	Glue and gelatin: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	274 7,890 42,146 106,383 245,205 8,077	89 204 856 2,449 6,205 (1)	50 325 1,787 4,480 11,069 (1)	42 567 3,653 8,706 20,588 659	55 1,717 9,610 22,002 58,837 1,632	20 1,359 6,453 18,105 40,382 764	13 1,987 10,405 26,155 59,598 1,781	4 1,731 9,382 24,486 48,526 2,895	(D) (D) (D) (D) (D) (D)	...	...
2892	Explosives: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	77 14,971 79,597 131,646 228,614 9,346	11 15 56 200 494 (1)	4 27 44 283 387 ...	4 53 294 361 1,160 (1)	12 409 2,012 4,069 8,985 (1)	11 824 3,833 7,541 16,840 (1)	16 2,859 14,577 29,121 52,939 3,503	11 3,815 20,924 39,471 69,175 4,428	6 6,969 37,857 50,600 78,634 768	(D) (D) (D) (D) (D) (D)	...
2893	Printing ink: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	302 7,960 45,069 108,803 228,141 4,817	72 178 1,273 3,092 6,914 (1)	76 514 2,778 6,725 14,406 (1)	60 824 4,361 9,399 19,542 1,851	55 1,684 9,812 21,184 44,198 795	25 1,819 11,507 21,069 43,889 500	10 1,632 8,059 31,110 65,440 550	4 1,309 7,279 16,224 33,752 624	...	...	...
2894	Fatty acids: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	12 1,558 9,793 20,594 66,740 3,490	...	...	...	1 336 1,925 3,276 11,839 887	4 (D) (D) (D) (D) (D)	6 1,222 7,868 17,318 54,901 2,603	1 (D) (D) (D) (D) (D)	...	...	...
2895	Carbon black: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	36 3,162 18,606 72,641 119,271 4,612	...	2 390 2,314 10,149 17,104 871	2 (D) (D) (D) (D) ...	9 (D) (D) (D) (D) (D)	11 846 4,976 18,776 30,774 (D)	11 1,926 11,316 43,716 71,393 3,741	1 (D) (D) (D) (D) (D)	...	...	...
2899	Chemical preparations, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	1,286 24,727 131,810 364,397 703,325 23,500	671 1,395 5,445 14,153 31,681 788	233 1,570 7,743 19,024 38,726 1,126	165 2,216 11,308 31,063 60,063 5,156	126 3,839 21,321 51,517 122,470 2,006	39 2,689 13,744 48,026 87,097 1,652	39 6,547 34,539 93,554 175,663 5,430	7 2,548 13,452 40,187 61,484 3,287	6 3,923 24,258 66,873 126,141 4,055	...	...
29	Petroleum and coal products: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Capital expend., new...do....	1,608 179,166 1,116,673 2,518,424 671,926	368 812 3,748 11,105 1,848	315 2,154 11,160 30,647 3,368	272 3,781 20,102 51,258 4,954	224 6,893 36,791 85,813 6,588	152 10,419 56,482 125,378 22,013	141 21,464 122,567 373,582 111,156	69 25,442 160,683 372,374 104,553	33 22,247 143,595 416,569 82,429	21 30,769 195,304 498,567 105,146	13 55,185 366,241 642,131 228,871
2911	Petroleum refining: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	446 146,025 944,332 2,119,402 14,539,055 646,909	64 101 400 906 3,321 (1)	32 209 1,173 3,489 11,310 (1)	37 553 3,140 6,139 35,572 849	64 2,054 11,600 24,770 158,896 2,697	47 3,146 17,831 40,065 277,818 19,155	81 12,930 78,408 264,501 1,404,490 103,857	56 20,555 134,706 330,828 2,393,484 102,815	32 51,292 330,833 806,573 6,046,093 188,215	(D) (D) (D) (D) (D) (D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-37

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2951	Paving mixtures and blocks:											
	Number of establishments.....	563	144	195	135	60	22	7	...	...	...	...
	All employees:											
	Number.....	7,797	360	1,343	1,856	1,769	1,529	940	...	...	...	...
	Payroll.....\$1,000..	42,028	1,987	7,059	9,963	9,588	8,296	5,135	...	...	...	...
	Value added, adjusted..do....	112,548	7,678	21,392	24,355	23,478	20,031	15,614	...	...	...	...
	Value of shipments.....do....	267,676	21,340	60,468	63,814	57,281	40,140	24,633	...	...	...	...
	Capital expend., new...do....	9,856	1,434	2,584	2,485	2,129	749	(1)	...	...	...	...
2952	Asphalt felts and coatings:											
	Number of establishments.....	209	30	27	24	24	57	35	11	...	1	...
	All employees:											
	Number.....	15,520	82	187	307	724	4,011	4,933	5,276	...	(D)	...
	Payroll.....\$1,000..	77,444	347	901	1,381	3,300	20,100	24,422	26,993	...	(D)	...
	Value added, adjusted..do....	156,487	684	1,833	4,846	6,117	42,075	51,460	49,472	...	(D)	...
	Value of shipments.....do....	460,104	2,347	6,857	16,449	20,427	131,749	156,485	125,790	...	(D)	...
	Capital expend., new...do....	6,613	(1)	(1)	(1)	(1)	1,381	3,053	1,717	...	(D)	...
2992	Lubricating oils and greases:											
	Number of establishments.....	306	109	47	60	51	23	14	1	1	...	...
	All employees:											
	Number.....	7,568	228	314	827	1,592	4,607	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	42,349	882	1,583	4,496	9,249	26,139	(D)	(D)	(D)	...	...
	Value added, adjusted..do....	103,084	1,576	3,273	13,135	24,488	60,612	(D)	(D)	(D)	...	...
	Value of shipments.....do....	281,377	4,848	8,433	32,066	63,422	172,608	(D)	(D)	(D)	...	...
	Capital expend., new...do....	7,230	(1)	(1)	1,420	590	4,650	(D)	(D)	(D)	...	...
2999	Petroleum and coal products, nec:											
	Number of establishments.....	84	21	14	16	25	3	4	1	...	...	...
	All employees:											
	Number.....	2,256	41	101	238	754	1,122	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	10,520	132	444	1,122	3,054	5,768	(D)	(D)	(D)	...	...
	Value added, adjusted..do....	26,903	261	660	2,783	6,960	16,239	(D)	(D)	(D)	...	...
	Value of shipments.....do....	74,855	581	1,563	7,826	24,349	40,536	(D)	(D)	(D)	...	...
	Capital expend., new...do....	1,318	(1)	(1)	(1)	967	230	(D)	(D)	(D)	...	...
30	Rubber & plastics products, nec:											
	Number of establishments.....	4,462	1,290	645	700	830	438	315	125	60	44	15
	All employees:											
	Number.....	347,842	2,665	4,352	9,830	26,650	30,796	49,237	44,523	42,579	66,514	70,696
	Payroll.....\$1,000..	1,723,295	9,430	17,338	39,456	114,260	129,991	223,507	210,174	208,839	364,550	405,750
	Value added, adjusted..do....	3,276,612	21,489	35,668	76,085	216,194	246,677	402,132	379,158	338,219	830,780	730,210
	Capital expend., new...do....	196,896	8,825	4,245	6,787	17,396	14,777	20,183	20,972	16,750	43,611	43,350
3011	Tires and inner tubes:											
	Number of establishments.....	123	18	8	11	23	9	11	8	2	24	9
	All employees:											
	Number.....	89,395	255	(D)	(D)	736	628	1,811	4,409	(D)	37,408	44,148
	Payroll.....\$1,000..	521,855	1,116	(D)	(D)	3,508	2,983	9,564	23,475	(D)	220,727	260,482
	Value added, adjusted..do....	1,179,957	2,542	(D)	(D)	9,211	6,888	20,251	46,117	(D)	600,002	494,946
	Value of shipments.....do....	2,577,788	6,269	(D)	(D)	19,763	21,668	42,474	100,112	(D)	1,285,493	1,102,009
	Capital expend., new...do....	72,269	(1)	(1)	(1)	970	(1)	1,329	1,874	(D)	32,119	35,450
3021	Rubber footwear:											
	Number of establishments.....	27	...	1	...	2	3	4	4	8	3	2
	All employees:											
	Number.....	20,359	...	970	...	(D)	(D)	(D)	7,800	(D)	11,589	(D)
	Payroll.....\$1,000..	85,611	...	3,821	...	(D)	(D)	(D)	27,782	(D)	54,008	(D)
	Value added, adjusted..do....	149,608	...	6,873	...	(D)	(D)	(D)	46,809	(D)	95,926	(D)
	Value of shipments.....do....	229,439	...	10,969	...	(D)	(D)	(D)	78,283	(D)	140,187	(D)
	Capital expend., new...do....	3,109	...	(1)	...	(1)	(1)	(1)	1,087	(D)	1,826	(1)
3031	Reclaimed rubber:											
	Number of establishments.....	16	1	...	1	4	3	3	4	...	...	...
	All employees:											
	Number.....	2,215	184	...	(D)	(D)	618	(D)	1,413	...	...	...
	Payroll.....\$1,000..	11,658	884	...	(D)	(D)	3,211	(D)	7,563	...	...	...
	Value added, adjusted..do....	20,843	1,084	...	(D)	(D)	6,862	(D)	12,897	...	...	...
	Value of shipments.....do....	39,260	2,406	...	(D)	(D)	11,719	(D)	25,135	...	...	...
	Capital expend., new...do....	964	(1)	...	(1)	(1)	(1)	(1)	733	...	...	...
3069	Fabricated rubber products, nec:											
	Number of establishments.....	1,074	226	135	155	198	132	127	52	31	14	4
	All employees:											
	Number.....	119,565	442	916	2,123	6,630	9,135	20,458	18,714	22,072	39,075	(D)
	Payroll.....\$1,000..	592,964	1,563	3,994	9,014	30,840	41,161	97,859	89,352	111,377	207,804	(D)
	Value added, adjusted..do....	997,254	3,138	8,873	16,603	56,847	79,207	181,207	146,409	184,444	320,526	(D)
	Value of shipments.....do....	1,885,274	7,988	20,016	37,252	127,670	150,829	338,468	259,549	336,736	606,766	(D)
	Capital expend., new...do....	43,603	(1)	939	904	2,804	3,781	5,793	9,284	6,709	13,126	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
3079	Plastics products, nec:											
	Number of establishments.....	3,222	1,045	501	533	603	291	170	57	19	3	...
	All employees:											
	Number.....	116,308	2,180	3,382	7,524	19,039	20,626	25,873	19,808	12,886	4,990	...
	Payroll.....\$1,000..	511,207	7,733	13,126	29,604	78,776	84,160	111,065	93,019	66,445	27,279	...
	Value added, adjusted..do...	928,950	18,009	25,933	57,934	148,741	157,059	190,983	180,253	100,448	49,590	...
	Value of shipments.....do...	1,867,877	40,894	53,821	114,599	296,218	326,204	404,107	341,359	208,496	82,179	...
	Capital expend., new...do....	76,951	8,530	3,207	5,809	13,542	10,622	12,766	9,504	8,531	4,440	...
31	Leather and leather products:											
	Number of establishments.....	4,534	1,105	569	635	763	476	528	372	78	7	1
	All employees:											
	Number.....	349,050	2,281	3,851	8,911	24,356	33,662	83,167	129,235	50,482	13,105	(D)
	Payroll.....\$1,000..	1,145,683	6,879	12,307	28,057	80,783	114,927	270,636	409,872	168,930	53,292	(D)
	Value added, adjusted..do...	1,897,465	17,753	26,599	52,418	134,773	181,353	435,276	699,125	261,790	88,378	(D)
	Capital expend., new...do....	31,736	694	813	1,817	3,277	3,928	6,963	9,218	3,621	1,405	(D)
3111	Leather tanning and finishing:											
	Number of establishments.....	578	141	75	82	102	68	76	26	7	1	...
	All employees:											
	Number.....	37,130	304	485	1,134	3,231	4,980	11,709	9,287	6,000	(D)	...
	Payroll.....\$1,000..	165,545	1,322	2,160	5,021	13,653	21,471	50,663	42,622	28,633	(D)	...
	Value added, adjusted..do...	275,796	4,766	6,814	11,706	25,078	35,811	81,249	66,564	43,808	(D)	...
	Value of shipments.....do...	743,124	21,799	29,303	54,381	63,543	77,632	222,437	165,979	108,050	(D)	...
	Capital expend., new...do....	7,905	(1)	(1)	(1)	590	1,380	2,000	1,731	1,511	(D)	...
3111-02	Tanneries:											
	Number of establishments...	291	57	24	36	43	44	58	22	6	1	...
	All employees:											
	Number.....	27,210	119	156	510	1,402	3,098	9,022	12,903	(D)	(D)	...
	Payroll.....\$1,000..	122,157	399	618	2,125	5,752	13,554	38,635	61,074	(D)	(D)	...
	Value added, adjusted..do...	202,210	1,166	1,984	3,934	10,520	23,972	62,959	97,675	(D)	(D)	...
	Value of shipments.....do...	529,370	3,427	4,195	10,199	25,237	57,271	178,689	250,352	(D)	(D)	...
	Capital expend., new...do...	5,880	(1)	(1)	(1)	(1)	1,004	1,271	3,009	(D)	(D)	...
3111-03	Converters:											
	Number of establishments...	73	28	21	16	6	1	1	...	...	...	...
	All employees:											
	Number.....	817	65	129	207	416	(D)	(D)	...	...	...	...
	Payroll.....\$1,000..	5,153	453	759	1,249	2,692	(D)	(D)	...	...	...	...
	Value added, adjusted..do...	17,965	2,417	3,144	4,663	7,741	(D)	(D)	...	...	...	...
	Value of shipments.....do...	124,714	16,009	22,640	39,946	46,119	(D)	(D)	...	...	...	...
	Capital expend., new...do...	233	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...	...
3111-04	Contract tanneries:											
	Number of establishments...	214	56	30	30	53	23	17	4	1	...	...
	All employees:											
	Number.....	9,103	120	200	417	8,366	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	38,235	470	783	1,647	35,335	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted..do...	55,621	1,183	1,686	3,109	49,643	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	89,040	2,363	2,468	4,236	79,973	(D)	(D)	(D)	(D)	...	...
	Capital expend., new...do...	1,792	(1)	(1)	(1)	1,573	(D)	(D)	(1)	(D)	...	...
3121	Industrial leather belting:											
	Number of establishments.....	104	35	23	14	16	6	6	3	1	...	...
	All employees:											
	Number.....	3,975	84	152	183	471	393	2,692	(D)	(D)	...	...
	Payroll.....\$1,000..	18,689	296	697	724	1,978	1,662	13,332	(D)	(D)	...	...
	Value added, adjusted..do...	36,300	641	1,067	1,198	3,087	3,094	27,213	(D)	(D)	...	...
	Value of shipments.....do...	66,560	1,552	2,786	2,558	6,336	6,240	47,088	(D)	(D)	...	...
	Capital expend., new...do...	1,233	(1)	(1)	(1)	(1)	(1)	924	(D)	(D)	...	...
3131	Footwear cut stock:											
	Number of establishments.....	513	112	75	91	118	74	40	3	...	...	...
	All employees:											
	Number.....	18,031	246	534	1,276	3,907	5,301	6,005	762	...	...	...
	Payroll.....\$1,000..	58,489	790	1,766	4,119	13,625	17,750	18,409	2,030	...	...	...
	Value added, adjusted..do...	98,380	1,856	3,957	7,276	21,476	28,227	31,798	3,790	...	...	...
	Value of shipments.....do...	256,652	4,764	9,556	20,363	58,205	67,228	87,919	8,617	...	...	...
	Capital expend., new...do...	2,002	(1)	(1)	(1)	623	(1)	(1)	(1)	...	...	...
3141	Footwear, except rubber:											
	Number of establishments.....	1,115	106	51	71	122	118	282	296	63	5	1
	All employees:											
	Number.....	215,311	217	333	1,044	3,987	8,479	46,470	103,852	41,083	9,846	(D)
	Payroll.....\$1,000..	662,421	638	961	2,661	12,618	26,994	141,832	310,397	128,957	37,363	(D)
	Value added, adjusted..do...	1,086,260	1,408	2,118	4,317	20,056	40,986	224,403	535,251	199,069	58,652	(D)
	Value of production.....do...	2,048,857	2,610	3,872	8,079	40,956	77,414	423,199	999,947	391,517	101,263	(D)
	Capital expend., new...do...	14,444	(1)	(D)	(1)	965	1,235	3,350	5,893	1,960	454	(D)

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-39

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
3142	House slippers:											
	Number of establishments.....	164	25	11	31	27	35	24	10	1	...	...
	All employees:											
	Number.....	11,520	49	69	449	856	2,418	3,768	3,911	(D)	...	...
	Payroll.....\$1,000..	37,057	93	171	1,240	2,638	7,771	11,515	13,629	(D)	...	...
	Value added, adjusted..do....	59,656	211	229	1,918	4,107	11,885	18,477	22,829	(D)	...	...
	Value of production...do....	112,145	409	478	4,461	7,589	22,810	35,018	41,380	(D)	...	...
	Capital expend., new...do....	590	(1)	(D)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
3151	Leather gloves:											
	Number of establishments.....	179	43	31	29	37	25	12	1	1	...	...
	All employees:											
	Number.....	6,212	94	205	433	1,211	1,845	2,424	(D)	(D)	...	...
	Payroll.....\$1,000..	15,999	212	416	1,041	3,131	4,906	6,293	(D)	(D)	...	...
	Value added, adjusted..do....	25,999	465	840	1,726	4,899	7,933	10,136	(D)	(D)	...	...
	Value of Production...do....	54,155	985	2,525	3,785	9,707	16,234	20,919	(D)	(D)	...	...
	Capital expend., new...do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...
3161	Luggage:											
	Number of establishments.....	428	133	66	70	87	35	26	9	1	1	...
	All employees:											
	Number.....	15,856	286	483	979	2,823	2,285	3,687	5,313	(D)	(D)	...
	Payroll.....\$1,000..	54,717	767	1,416	3,258	8,921	7,890	12,322	20,143	(D)	(D)	...
	Value added, adjusted..do....	96,560	1,928	2,530	5,480	14,668	11,869	19,837	40,248	(D)	(D)	...
	Value of shipments...do....	184,722	4,317	4,997	11,040	29,644	22,892	40,749	71,083	(D)	(D)	...
	Capital expend., new...do....	1,504	(1)	(1)	(1)	(1)	(1)	(1)	730	(D)	(D)	...
3171	Handbags and purses:											
	Number of establishments.....	620	155	76	127	141	67	38	16	...	...	...
	All employees:											
	Number.....	21,953	329	522	1,774	4,357	4,598	5,719	4,654	...	...	...
	Payroll.....\$1,000..	68,632	910	1,478	4,959	13,259	14,980	17,834	15,212	...	...	...
	Value added, adjusted..do....	111,496	1,588	2,826	9,757	22,830	22,677	27,221	24,597	...	...	...
	Value of shipments...do....	231,110	5,249	5,290	20,171	45,270	49,245	54,580	51,305	...	...	...
	Capital expend., new...do....	1,575	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...
3172	Small leather goods:											
	Number of establishments.....	400	154	63	60	62	30	20	7	4	...	...
	All employees:											
	Number.....	13,657	315	414	824	1,976	2,069	2,825	2,564	2,670	...	...
	Payroll.....\$1,000..	46,483	891	1,203	2,547	5,783	6,933	9,086	10,152	9,888	...	...
	Value added, adjusted..do....	75,791	2,264	2,308	4,671	9,658	11,062	15,193	17,169	13,466	...	...
	Value of shipments...do....	138,052	4,228	4,260	8,975	18,257	22,377	26,347	31,853	21,755	...	...
	Capital expend., new...do....	1,378	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...
3199	Leather goods, nec:											
	Number of establishments.....	433	201	98	60	51	18	4	1	...	...	...
	All employees:											
	Number.....	5,405	357	654	815	1,537	1,294	748	(D)	...	...	...
	Payroll.....\$1,000..	17,651	960	2,039	2,487	5,177	4,570	2,418	(D)	...	...	...
	Value added, adjusted..do....	31,227	2,626	3,910	4,369	8,914	7,809	3,599	(D)	...	...	...
	Value of shipments...do....	60,178	5,089	8,324	8,775	16,775	14,422	6,793	(D)	...	...	...
	Capital expend., new...do....	842	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...
32	Stone, clay, and glass products:											
	Number of establishments.....	15,022	4,964	2,831	2,749	2,395	968	700	274	91	45	5
	All employees:											
	Number.....	554,042	10,805	19,078	37,862	73,400	66,355	108,648	91,544	62,859	67,857	15,634
	Payroll.....\$1,000..	2,594,971	37,319	74,958	164,377	332,089	294,503	501,580	438,665	312,802	351,659	87,019
	Value added, adjusted..do....	5,528,952	99,005	162,737	326,365	652,823	572,952	1,154,633	1,047,180	626,740	754,414	132,103
	Capital expend., new...do....	442,286	26,191	23,760	37,485	51,978	37,377	91,791	86,746	32,051	37,754	17,153
3211	Flat glass:											
	Number of establishments.....	32	...	...	1	2	5	1	6	9	8	...
	All employees:											
	Number.....	21,179	...	...	80	(D)	499	(D)	2,305	6,058	12,237	...
	Payroll.....\$1,000..	133,551	...	...	359	(D)	2,415	(D)	13,317	37,986	79,474	...
	Value added, adjusted..do....	263,151	...	...	665	(D)	3,214	(D)	20,652	60,065	178,555	...
	Value of shipments...do....	384,711	...	...	912	(D)	7,904	(D)	29,174	93,628	253,093	...
	Capital expend., new...do....	12,057	...	...	...	1,488	(D)	(D)	(D)	2,686	7,883	...
3221	Glass containers:											
	Number of establishments.....	100	4	...	4	...	3	20	31	23	14	1
	All employees:											
	Number.....	54,937	70	...	(D)	...	252	3,733	10,679	17,172	23,031	(D)
	Payroll.....\$1,000..	259,893	308	...	(D)	...	1,064	17,884	48,787	81,396	110,454	(D)
	Value added, adjusted..do....	532,469	600	...	(D)	...	2,002	34,344	99,025	174,011	222,487	(D)
	Value of shipments...do....	862,117	985	...	(D)	...	3,698	62,972	169,015	270,749	354,698	(D)
	Capital expend., new...do....	31,164	(1)	...	(D)	...	878	4,300	5,980	11,455	8,508	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3229	Pressed and blown glass, nec:											
	Number of establishments.....	140	14	10	18	15	15	29	20	11	7	1
	All employees:											
	Number.....	37,108	34	61	230	493	1,132	4,948	7,491	7,629	15,090	(D)
	Payroll.....\$1,000..	171,414	97	198	865	2,293	4,311	20,441	31,937	36,312	74,960	(D)
	Value added, adjusted..do....	312,342	189	277	1,484	3,222	7,885	37,716	59,952	87,631	113,986	(D)
	Value of shipments.....do....	445,361	417	536	2,798	5,460	10,829	54,212	81,176	122,369	167,564	(D)
	Capital expend., new...do....	11,254	(1)	(1)	(1)	(1)	(1)	952	1,949	1,088	6,878	(D)
3231	Products of purchased glass:											
	Number of establishments.....	1,031	469	184	139	139	56	33	8	1	2	...
	All employees:											
	Number.....	24,024	968	1,234	1,902	4,304	4,018	4,871	6,727	(D)	(D)	...
	Payroll.....\$1,000..	109,570	3,357	4,890	8,343	16,932	15,996	20,261	39,791	(D)	(D)	...
	Value added, adjusted..do....	242,657	7,433	9,707	14,751	29,089	27,296	36,825	117,556	(D)	(D)	...
	Value of shipments.....do....	468,809	12,677	15,746	26,578	60,389	54,123	81,963	217,333	(D)	(D)	...
	Capital expend., new...do....	16,526	714	541	2,121	1,870	1,167	1,278	8,835	(D)	(D)	...
3241	Cement, hydraulic:											
	Number of establishments.....	175	1	3	1	3	17	84	58	6	2	...
	All employees:											
	Number.....	41,127	40	(D)	(D)	101	1,352	15,328	17,983	6,323	(D)	...
	Payroll.....\$1,000..	214,221	244	(D)	(D)	597	6,926	79,967	93,191	33,296	(D)	...
	Value added, adjusted..do....	724,771	571	(D)	(D)	1,463	21,578	289,014	314,452	97,693	(D)	...
	Value of shipments.....do....	1,073,494	2,163	(D)	(D)	2,732	37,518	430,484	455,744	144,853	(D)	...
	Capital expend., new...do....	100,677	(1)	(D)	(D)	(D)	1,061	36,391	53,748	9,380	(D)	...
3251	Brick and structural tile:											
	Number of establishments.....	569	39	40	60	189	168	64	8	1	...	...
	All employees:											
	Number.....	31,087	78	273	891	6,590	11,506	8,786	2,963	(D)	...	...
	Payroll.....\$1,000..	122,868	206	826	3,308	25,419	44,192	36,987	11,930	(D)	...	...
	Value added, adjusted..do....	196,890	438	1,277	4,809	40,646	71,604	59,903	18,213	(D)	...	...
	Value of shipments.....do....	286,709	718	2,462	7,950	60,205	104,864	84,666	25,844	(D)	...	...
	Capital expend., new...do....	14,023	(1)	(1)	(1)	3,376	5,217	3,456	1,246	(D)	...	...
3253	Ceramic wall and floor tile:											
	Number of establishments.....	90	18	4	6	12	15	19	11	4	1	...
	All employees:											
	Number.....	13,068	39	26	81	385	1,028	3,007	3,985	4,517	(D)	...
	Payroll.....\$1,000..	53,738	116	106	228	1,451	3,230	11,403	16,480	20,724	(D)	...
	Value added, adjusted..do....	92,779	112	267	534	2,647	5,460	21,236	27,138	35,385	(D)	...
	Value of shipments.....do....	135,470	376	354	636	3,780	9,537	31,368	40,447	48,972	(D)	...
	Capital expend., new...do....	3,276	...	(1)	(1)	(1)	(1)	715	755	1,406	(D)	...
3255	Clay refractories:											
	Number of establishments.....	167	19	12	19	39	40	31	5	2	...	...
	All employees:											
	Number.....	12,394	23	82	265	1,322	3,017	4,326	3,359	(D)	...	...
	Payroll.....\$1,000..	59,816	91	311	1,184	6,005	13,647	21,119	17,459	(D)	...	...
	Value added, adjusted..do....	104,898	187	617	2,157	11,167	22,847	36,649	31,274	(D)	...	...
	Value of shipments.....do....	163,478	316	1,449	3,770	20,395	34,048	54,436	49,064	(D)	...	...
	Capital expend., new...do....	8,094	(1)	(1)	(1)	779	1,418	3,536	2,042	(D)	...	...
3259	Structural clay products, nec.:											
	Number of establishments.....	192	28	22	25	29	32	49	7	...	...	...
	All employees:											
	Number.....	13,756	57	136	338	1,005	2,309	7,608	2,303	...	...	...
	Payroll.....\$1,000..	56,454	211	547	1,225	4,243	10,151	30,692	9,385	...	...	...
	Value added, adjusted..do....	95,881	419	1,056	2,006	6,678	17,365	46,744	21,613	...	...	...
	Value of shipments.....do....	134,928	649	1,804	3,036	8,917	23,663	67,678	29,181	...	...	...
	Capital expend., new...do....	6,759	(1)	(1)	(1)	(1)	754	4,208	1,042	...	...	...
3261	Vitreous plumbing fixtures:											
	Number of establishments.....	49	3	...	3	4	6	18	11	4	...	...
	All employees:											
	Number.....	9,677	38	...	(D)	131	458	3,025	3,471	2,554	...	...
	Payroll.....\$1,000..	49,568	191	...	(D)	444	2,214	14,518	18,266	13,935	...	...
	Value added, adjusted..do....	87,293	318	...	(D)	648	3,253	23,658	36,736	22,680	...	...
	Value of shipments.....do....	142,683	623	...	(D)	1,407	5,000	42,700	57,284	35,669	...	...
	Capital expend., new...do....	1,613	(1)	...	(D)	(1)	(1)	516	744	(1)	...	...
3262	Vitreous china food utensils:											
	Number of establishments.....	29	1	3	1	1	5	7	5	5	1	...
	All employees:											
	Number.....	7,640	57	(D)	(D)	(D)	286	1,144	1,679	4,474	(D)	...
	Payroll.....\$1,000..	30,211	164	(D)	(D)	(D)	822	4,026	7,290	17,909	(D)	...
	Value added, adjusted..do....	42,355	270	(D)	(D)	(D)	1,202	5,420	10,442	25,021	(D)	...
	Value of shipments.....do....	51,885	337	(D)	(D)	(D)	1,488	6,446	13,152	30,462	(D)	...
	Capital expend., new...do....	964	(1)	(D)	(D)	...	(D)	(1)	(1)	639	(D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-41

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									1,000-2,499 employees	2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees			
3263	Earthenware food utensils:												
	Number of establishments.....	34	4	2	2	5	2	8	5	5	1	...	
	All employees:												
	Number.....	8,555	59	(D)	(D)	297	(D)	1,322	1,775	5,102	(D)	...	
	Payroll.....\$1,000..	27,812	173	(D)	(D)	872	(D)	4,165	6,012	16,590	(D)	...	
	Value added, adjusted..do....	34,170	404	(D)	(D)	1,018	(D)	5,170	8,317	19,261	(D)	...	
	Value of shipments.....do....	48,517	649	(D)	(D)	1,967	(D)	7,691	11,147	27,063	(D)	...	
Capital expend., new...do....	517	(1)	(D)	(D)	(D)	(D)	(1)	(1)	(1)	(D)	...		
3264	Porcelain electrical supplies:												
	Number of establishments.....	59	6	2	7	7	12	16	4	5	...	...
	All employees:												
	Number.....	9,107	26	(D)	108	222	822	2,695	1,281	3,953	...	...
	Payroll.....\$1,000..	42,362	108	(D)	503	800	3,023	11,200	6,016	20,712	...	...
	Value added, adjusted..do....	66,074	193	(D)	675	1,179	3,983	17,358	9,255	33,431	...	...
	Value of shipments.....do....	97,475	449	(D)	1,161	1,656	5,011	26,233	13,990	48,975	...	...
Capital expend., new...do....	4,279	(1)	(D)	(1)	(1)	(1)	(1)	1,485	1,801	...	...
3269	Pottery products, nec:												
	Number of establishments.....	584	324	87	65	59	31	17	1	...	...	...
	All employees:												
	Number.....	9,240	623	588	888	1,823	2,173	3,145	(D)	...	...	...
	Payroll.....\$1,000..	31,194	1,493	1,735	2,731	5,832	7,866	11,537	(D)	...	...	...
	Value added, adjusted..do....	54,020	3,709	3,469	5,106	9,915	14,201	17,620	(D)	...	...	...
	Value of shipments.....do....	78,755	5,943	5,277	6,903	14,711	18,995	26,926	(D)	...	...	...
Capital expend., new...do....	3,248	(1)	(1)	(1)	774	(1)	927	(D)	...	...	...
3271	Concrete block and brick:												
	Number of establishments.....	11,796	661	393	406	270	54	11	1	...	...	...
	All employees:												
	Number.....	22,766	1,383	2,594	5,633	7,982	3,431	1,743	(D)	...	...	...
	Payroll.....\$1,000..	98,103	4,188	9,039	23,527	35,486	16,976	8,887	(D)	...	...	...
	Value added, adjusted..do....	190,355	8,268	19,519	47,716	67,826	33,605	13,421	(D)	...	...	...
	Value of shipments.....do....	413,670	21,027	43,634	106,857	145,595	67,937	28,620	(D)	...	...	...
Capital expend., new...do....	22,790	3,668	3,397	5,551	5,581	3,115	1,478	(D)	...	...	...
3272	Concrete products:												
	Number of establishments.....	113,455	1,590	684	565	438	128	44	5	1	...	...
	All employees:												
	Number.....	46,182	3,384	4,544	7,781	13,523	8,423	6,221	2,306	(D)	...	...
	Payroll.....\$1,000..	199,883	10,880	16,553	32,647	59,590	39,022	29,146	12,045	(D)	...	...
	Value added, adjusted..do....	390,378	21,420	32,079	60,751	119,830	77,976	60,171	18,151	(D)	...	...
	Value of shipments.....do....	718,543	43,406	57,762	112,107	212,829	144,209	111,193	37,037	(D)	...	...
Capital expend., new...do....	44,232	7,541	3,790	6,364	13,043	6,628	5,574	1,292	(D)	...	...
3273	Ready-mixed concrete:												
	Number of establishments.....	3,647	910	886	907	731	152	56	5	...	...	...
	All employees:												
	Number.....	61,890	2,266	6,067	12,406	21,597	9,868	8,036	1,650	...	...	...
	Payroll.....\$1,000..	301,607	9,554	26,139	57,479	108,288	51,118	40,778	8,251	...	...	...
	Value added, adjusted..do....	676,062	34,025	66,051	124,266	232,424	108,738	88,563	21,995	...	...	...
	Value of shipments.....do....	1,681,926	82,871	179,359	348,941	589,154	251,928	194,432	35,241	...	...	...
Capital expend., new...do....	70,990	8,595	11,329	16,942	18,031	8,049	7,148	896	...	...	...
3274	Lime:												
	Number of establishments.....	137	33	14	14	28	28	17	2	1	...	...
	All employees:												
	Number.....	7,185	61	93	194	875	1,981	2,532	1,449	(D)	...	...
	Payroll.....\$1,000..	32,754	215	300	828	4,285	9,144	11,640	6,342	(D)	...	...
	Value added, adjusted..do....	73,597	521	709	1,083	9,087	21,761	22,846	17,590	(D)	...	...
	Value of shipments.....do....	130,948	937	1,341	3,103	18,553	40,917	36,820	29,277	(D)	...	...
Capital expend., new...do....	6,362	(1)	(1)	(1)	1,487	1,891	2,192	(1)	(D)	...	...
3275	Gypsum products:												
	Number of establishments.....	126	41	12	10	5	9	36	13	...	...	...
	All employees:												
	Number.....	11,502	74	71	126	182	635	10,414	(D)	...	...	...
	Payroll.....\$1,000..	57,978	293	282	571	989	3,082	52,761	(D)	...	...	...
	Value added, adjusted..do....	218,042	1,162	827	1,386	2,940	9,742	201,985	(D)	...	...	...
	Value of shipments.....do....	364,947	1,852	1,639	2,598	6,539	21,051	331,268	(D)	...	...	...
Capital expend., new...do....	9,376	579	(1)	(1)	(1)	1,384	7,203	(D)	...	...	...
3281	Cut stone and stone products:												
	Number of establishments.....	1,001	364	195	199	164	46	24	6	2	1	...	
	All employees:												
	Number.....	20,348	829	1,321	2,692	4,826	3,119	3,273	2,051	2,237	(D)	...	
	Payroll.....\$1,000..	83,038	2,817	5,271	10,970	21,187	12,914	12,854	7,706	9,319	(D)	...	
	Value added, adjusted..do....	129,038	6,499	8,722	17,382	32,523	19,082	22,188	11,544	11,098	(D)	...	
	Value of shipments.....do....	206,264	12,376	16,371	32,508	52,620	28,074	32,633	15,523	16,159	(D)	...	
Capital expend., new...do....	8,405	2,228	1,090	2,134	894	585	552	539	(1)	(D)	...		

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
3291	Abrasive products:											
	Number of establishments.....	354	106	56	62	64	28	21	10	3	2	2
	All employees:											
	Number.....	23,955	229	374	887	1,911	1,992	3,240	3,307	12,015	(D)	(D)
	Payroll.....\$1,000..	127,912	1,023	1,683	4,302	9,335	9,571	15,928	16,911	69,159	(D)	(D)
	Value added, adjusted..do...	277,706	7,994	3,482	9,604	17,889	19,729	31,564	40,311	147,133	(D)	(D)
	Value of shipments.....do....	490,752	5,289	7,727	19,087	36,066	40,807	55,963	67,390	258,423	(D)	(D)
	Capital expend., new...do....	21,098	(1)	1,411	(1)	1,292	548	1,420	1,301	14,470	(D)	(D)
3292	Asbestos products:											
	Number of establishments.....	109	12	4	13	13	11	25	22	5	4	...
	All employees:											
	Number.....	21,292	31	27	185	424	801	3,714	6,921	9,189	(D)	...
	Payroll.....\$1,000..	106,411	107	101	789	2,039	3,605	17,860	35,745	46,165	(D)	...
	Value added, adjusted..do...	235,487	306	244	1,467	4,128	8,188	44,365	82,001	94,788	(D)	...
	Value of shipments.....do....	453,488	869	471	2,601	7,881	14,116	83,114	175,172	169,264	(D)	...
	Capital expend., new...do....	12,837	(1)	(1)	(1)	(1)	(1)	4,648	4,653	3,167	(D)	...
3293	Gaskets and insulations:											
	Number of establishments.....	282	84	49	50	40	32	15	10	...	2	...
	All employees:											
	Number.....	13,494	197	338	712	1,241	2,279	2,342	6,385	...	(D)	...
	Payroll.....\$1,000..	65,078	817	1,642	3,415	5,725	10,840	10,995	31,644	...	(D)	...
	Value added, adjusted..do...	105,211	1,670	2,744	5,684	10,350	17,501	19,732	47,530	...	(D)	...
	Value of shipments.....do....	188,684	3,735	6,122	11,930	20,092	32,499	35,927	78,379	...	(D)	...
	Capital expend., new...do....	5,699	1,023	(1)	(1)	(1)	785	(1)	2,809	...	(D)	...
3295	Minerals: Ground or treated:											
	Number of establishments.....	391	96	87	104	70	18	16	...	...	...	...
	All employees:											
	Number.....	7,906	211	609	1,433	2,181	1,213	2,259	...	...	...	...
	Payroll.....\$1,000..	40,328	784	2,650	6,874	11,301	6,104	12,615	...	...	...	...
	Value added, adjusted..do...	111,414	1,556	6,233	16,163	29,876	16,513	41,073	...	...	...	...
	Value of shipments.....do....	208,327	4,004	11,911	30,365	55,646	30,143	76,258	...	...	...	...
	Capital expend., new...do....	8,848	(1)	697	1,642	2,453	(1)	3,254	...	...	...	...
3296	Mineral wool:											
	Number of establishments.....	135	18	32	16	19	21	13	13	2	...	1
	All employees:											
	Number.....	12,294	36	217	212	588	1,336	1,750	8,155	(D)	...	(D)
	Payroll.....\$1,000..	61,058	168	940	1,008	2,698	6,031	8,214	41,999	(D)	...	(D)
	Value added, adjusted..do...	137,577	592	2,066	2,978	4,785	12,837	18,437	95,882	(D)	...	(D)
	Value of shipments.....do....	251,681	1,320	5,844	8,048	9,692	23,843	32,177	170,757	(D)	...	(D)
	Capital expend., new...do....	10,488	(1)	(1)	(1)	(1)	787	841	8,024	(D)	...	(D)
3297	Nonclay refractories:											
	Number of establishments.....	84	7	4	7	18	22	19	6	1	...	...
	All employees:											
	Number.....	8,013	41	(D)	102	590	1,611	2,848	2,821	(D)	...	...
	Payroll.....\$1,000..	41,167	185	(D)	474	3,058	7,914	14,392	15,144	(D)	...	...
	Value added, adjusted..do...	102,362	648	(D)	1,017	7,624	20,279	33,627	39,167	(D)	...	...
	Value of shipments.....do....	177,643	1,384	(D)	1,587	11,857	34,834	60,916	67,065	(D)	...	...
	Capital expend., new...do....	5,516	(1)	(D)	(1)	560	(1)	2,724	1,710	(D)	...	...
3299	Nonmetallic minerals, nec:											
	Number of establishments.....	254	112	46	45	31	12	7	1	...	...	...
	All employees:											
	Number.....	4,316	229	317	627	861	834	1,448	(D)	...	...	...
	Payroll.....\$1,000..	16,982	697	1,240	2,426	3,268	2,661	6,690	(D)	...	...	...
	Value added, adjusted..do...	31,973	1,597	2,350	4,277	5,662	4,807	13,280	(D)	...	...	...
	Value of shipments.....do....	58,947	2,881	4,183	8,939	11,144	9,473	22,327	(D)	...	...	...
	Capital expend., new...do....	1,194	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...
33	Primary metal industries:											
	Number of establishments.....	6,446	1,270	839	926	1,218	731	688	380	200	123	71
	All employees:											
	Number.....	1,096,359	2,725	5,715	12,942	38,631	51,656	109,861	132,753	139,649	188,785	413,642
	Payroll.....\$1,000..	6,303,447	11,363	25,641	58,721	182,110	254,087	556,285	719,206	783,919	1,121,098	2,591,017
	Value added, adjusted..do...	11,671,341	22,341	44,130	96,986	298,413	449,314	975,241	1,322,453	1,437,445	2,066,552	4,958,466
	Capital expend., new...do....	1,427,619	5,072	3,175	8,642	36,952	33,771	51,988	92,363	145,193	245,543	804,920

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-43

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3312	Blast furnaces and steel mills: ¹²											
	Number of establishments.....	291	15	8	8	18	12	38	46	37	47	62
	All employees:											
	Number.....	511,392	31	49	114	623	941	6,027	17,110	26,180	77,698	382,619
	Payroll.....\$1,000..	3,138,483	117	267	395	2,961	4,573	31,693	100,438	157,146	483,527	2,402,366
	Value added, adjusted..do...	6,062,227	108	576	632	4,508	11,402	86,896	204,657	273,592	845,598	4,634,258
	Value of shipments.....do...	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	Capital expend., new...do...	950,056	(1)	(1)	(1)	(1)	793	5,441	20,309	29,396	102,504	790,883
	Fully integrated works ¹²											
	Number of establishments...	37	...	...	...	...	...	...	...	...	2	35
	All employees:											
	Number.....	272,859	...	...	...	...	...	...	...	...	272,859	(D)
	Payroll.....\$1,000..	1,692,810	...	...	...	...	...	...	...	...	1,692,810	(D)
	Value added, adjusted..do...	3,410,478	...	...	...	...	...	...	...	...	3,410,478	(D)
	Value of shipments.....do...	(4)	...	...	...	...	...	...	...	...	(4)	(4)
	Capital expend., new...do...	446,185	...	...	...	...	...	...	...	...	446,185	(D)
	Partially integrated works ¹²											
	Number of establishments...	93	...	...	...	2	2	5	15	17	30	22
	All employees:											
	Number.....	164,274	...	...	...	220	(D)	722	5,595	11,961	49,658	96,118
	Payroll.....\$1,000..	1,029,942	...	...	...	1,230	(D)	3,819	34,283	70,309	305,849	614,452
	Value added, adjusted..do...	1,768,571	...	...	...	2,135	(D)	8,716	63,869	103,832	506,577	1,083,442
	Value of shipments.....do...	(4)	...	...	...	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	Capital expend., new...do...	386,134	...	...	...	(1)	(1)	(1)	8,115	8,039	68,324	301,296
	Nonintegrated works ¹²											
	Number of establishments...	161	15	8	8	16	10	33	31	20	15	5
	All employees:											
	Number.....	74,259	31	49	114	1,344	(D)	5,305	11,515	14,219	41,682	(D)
	Payroll.....\$1,000..	460,731	117	267	395	6,304	(D)	27,874	66,155	86,837	272,782	(D)
	Value added, adjusted..do...	883,178	108	576	632	13,775	(D)	78,180	140,788	169,760	479,359	(D)
	Value of shipments.....do...	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	Capital expend., new...do...	117,737	(1)	(1)	(1)	1,159	(D)	5,187	12,194	21,357	77,582	(D)
3313	Electrometallurgical products:											
	Number of establishments.....	37	1	...	1	5	3	13	9	1	4	...
	All employees:											
	Number.....	12,689	428	...	(D)	(D)	(D)	1,994	10,267	(D)	(D)	...
	Payroll.....\$1,000..	71,883	2,532	...	(D)	(D)	(D)	11,092	58,259	(D)	(D)	...
	Value added, adjusted..do...	178,880	5,790	...	(D)	(D)	(D)	27,235	145,855	(D)	(D)	...
	Value of shipments.....do...	399,122	18,818	...	(D)	(D)	(D)	75,411	304,893	(D)	(D)	...
3315	Steel wire drawing:											
	Number of establishments.....	170	31	23	13	27	28	22	18	6	2	...
	All employees:											
	Number.....	19,250	69	159	179	910	1,999	3,560	5,816	6,558	(D)	...
	Payroll.....\$1,000..	110,184	261	705	814	3,933	10,574	20,011	33,827	40,059	(D)	...
	Value added, adjusted..do...	196,200	604	923	1,776	6,913	22,780	38,419	59,080	65,705	(D)	...
	Value of shipments.....do...	452,062	1,615	2,786	5,368	19,982	55,005	97,738	124,118	145,450	(D)	...
3316	Cold finishing of steel shapes:											
	Number of establishments.....	78	7	2	6	13	16	19	13	2	...	...
	All employees:											
	Number.....	10,943	21	(D)	78	457	1,161	2,991	6,235	(D)	...	...
	Payroll.....\$1,000..	67,084	28	(D)	454	2,613	7,389	17,204	39,326	(D)	...	...
	Value added, adjusted..do...	141,516	196	(D)	944	5,314	15,653	38,583	80,826	(D)	...	...
	Value of shipments.....do...	477,824	425	(D)	3,937	22,832	56,220	123,309	271,101	(D)	...	...
3317	Steel pipe and tubes:											
	Number of establishments.....	136	14	8	13	26	18	27	18	7	5	...
	All employees:											
	Number.....	23,911	35	54	178	864	1,367	4,380	5,944	4,531	6,558	...
	Payroll.....\$1,000..	138,144	143	281	890	4,368	8,185	25,273	35,100	27,259	36,645	...
	Value added, adjusted..do...	284,096	342	578	1,926	7,333	18,030	43,720	90,393	62,254	59,520	...
	Value of shipments.....do...	780,684	1,120	1,792	5,578	17,396	47,541	107,332	255,705	176,848	167,372	...
3321	Gray iron foundries:											
	Number of establishments.....	1,310	139	124	199	347	243	176	51	18	10	3
	All employees:											
	Number.....	112,670	310	866	2,886	11,577	16,958	27,272	17,567	11,917	23,317	(D)
	Payroll.....\$1,000..	531,152	1,016	2,969	10,800	46,398	73,251	122,601	86,294	56,861	130,962	(D)
	Value added, adjusted..do...	810,758	2,268	4,474	15,041	66,515	110,392	182,957	138,894	102,461	187,756	(D)
	Value of shipments.....do...	1,434,701	3,720	7,302	25,124	103,261	172,755	310,257	293,362	183,799	333,121	(D)
3321	Capital expend., new...do...	32,559	(1)	(1)	2,697	1,806	3,265	5,494	6,263	4,440	8,068	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
3322	Malleable iron foundries: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	82 20,230 100,579 127,592 214,537 4,438	5 69 185 317 558 (1)	... ... ... ... ... ...	3 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)	16 1,229 5,553 7,869 11,753 506	29 4,948 23,119 30,476 44,452 (1)	20 6,385 29,409 36,957 59,576 802	5 7,599 42,313 51,973 98,198 2,663	3 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...
3323	Steel foundries: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	256 49,133 254,338 383,870 596,276 19,272	17 35 123 273 505 (1)	9 60 283 306 595 (1)	14 207 898 1,494 2,386 (1)	42 1,410 7,293 10,748 17,417 (1)	31 2,248 11,562 16,377 25,054 1,128	79 13,166 64,789 97,832 153,936 5,170	42 14,995 75,491 110,360 168,596 4,773	20 17,012 93,899 146,480 227,787 7,743	2 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...
3331	Primary copper: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	30 14,561 76,116 158,122 (4) 15,157	... ... ... ... ... ...	1 310 1,813 3,341 (4) 15,157	... ... ... ... ... ...	... ... ... ... ... ...	4 (D) (D) (D) (4) (D)	6 1,050 5,130 12,211 (4) (D)	9 3,117 15,777 39,942 (4) (D)	6 10,084 53,396 102,628 (4) (D)	4 (D) (D) (D) (4) (D)	... ... ... ... ... ...
3332	Primary lead: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	13 3,563 18,182 36,325 (4) 725	... ... ... ... ... ...	... ... ... ... ... ...	... ... ... ... ... ...	... ... ... ... ... ...	2 3,563 18,182 36,325 (4) 725	6 (D) (D) (D) (4) (D)	3 (D) (D) (D) (4) (D)	2 (D) (D) (D) (4) (D)	... ... ... ... ... ...	... ... ... ... ... ...
3333	Primary zinc: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	20 8,923 44,078 71,653 208,993 13,445	... ... ... ... ... ...	... ... ... ... ... ...	... ... ... ... ... ...	1 748 4,141 5,281 20,381 (1)	1 (D) (D) (D) (D) (D)	4 (D) (D) (D) (D) (D)	6 2,142 10,374 18,780 53,091 564	7 6,033 29,563 47,592 135,521 12,587	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...
3334	Primary aluminum: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	20 17,381 111,588 383,836 808,822 85,497	... ... ... ... ... ...	... ... ... ... ... ...	... ... ... ... ... ...	1 1,335 7,734 34,976 73,703 73,372	... ... ... ... ... ...	... ... ... ... ... ...	3 (D) (D) (D) (D) (D)	10 7,410 47,655 148,951 338,546 (D)	6 8,636 56,199 199,909 396,573 (D)	... ... ... ... ... ...
3339	Primary nonferrous metals, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	29 2,658 15,939 50,495 96,565 3,994	6 15 93 300 837 778	3 46 400 1,062 6,608 (D)	2 (D) (D) (D) (D) (D)	4 105 628 811 1,569 1,293	4 260 1,449 3,726 6,983 (D)	7 1,031 5,842 20,739 39,205 975	2 1,201 7,527 23,857 41,363 948	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...	... ... ... ... ... ...
3341	Secondary nonferrous metals: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	387 14,441 75,669 147,262 724,013 5,355	100 235 1,171 1,201 12,227 (1)	69 465 2,364 5,078 15,953 (1)	66 883 4,672 8,692 46,841 (1)	80 2,476 13,359 28,681 139,525 917	39 2,856 14,383 32,208 178,695 1,036	25 3,902 19,542 34,695 192,540 1,068	6 3,624 20,178 36,707 138,232 1,359	1 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...
3351	Copper rolling and drawing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	105 40,329 222,259 445,371 1,209,926 30,617	4 55 305 536 1,797 4,074	7 (D) (D) (D) (D) (D)	5 511 2,548 7,837 48,413 (D)	14 (D) (D) (D) (D) (D)	17 1,161 6,305 17,601 70,066 2,536	17 2,906 16,034 43,094 123,532 1,144	14 5,436 29,806 56,398 167,291 3,404	14 10,091 55,156 110,317 257,331 5,624	13 20,169 112,105 209,588 541,496 13,835	..................

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-45

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3352	Aluminum rolling and drawing:											
	Number of establishments.....	185	26	16	14	29	33	30	16	8	9	4
	All employees:											
	Number.....	46,879	52	108	204	934	2,315	4,888	5,026	6,084	16,191	11,077
	Payroll.....\$1,000..	272,168	261	466	837	4,149	11,465	26,165	28,401	36,553	97,397	66,474
	Value added, adjusted..do....	537,086	446	936	1,479	8,136	24,764	53,214	46,339	62,798	194,819	144,155
	Value of shipments.....do....	1,562,381	1,320	3,008	5,542	32,057	78,773	199,213	170,096	174,099	516,705	381,568
	Capital expend., new...do....	114,195	(1)	(1)	(1)	2,311	3,868	3,783	22,623	3,127	70,141	7,933
3356	Rolling and drawing, nec:											
	Number of establishments.....	143	25	22	23	24	17	16	8	6	2	...
	All employees:											
	Number.....	16,571	51	150	309	757	1,162	2,423	2,859	8,860	(D)	...
	Payroll.....\$1,000..	94,713	279	696	1,646	3,432	6,091	12,483	16,863	53,223	(D)	...
	Value added, adjusted..do....	174,633	478	1,334	3,686	6,420	12,634	21,162	40,296	88,623	(D)	...
	Value of shipments.....do....	486,308	2,486	3,926	19,730	31,575	60,311	68,561	113,540	186,179	(D)	...
	Capital expend., new...do....	14,984	(1)	(1)	(1)	(1)	(1)	4,549	1,993	7,707	(D)	...
3357	Nonferrous wire drawing, etc:											
	Number of establishments.....	278	44	23	29	33	36	40	37	27	8	1
	All employees:											
	Number.....	56,493	101	154	395	969	2,591	6,349	13,109	18,084	14,741	(D)
	Payroll.....\$1,000..	296,157	429	650	1,888	4,847	12,349	30,161	66,179	96,332	83,322	(D)
	Value added, adjusted..do....	568,911	1,043	1,171	3,362	11,026	25,181	58,542	128,108	186,525	153,953	(D)
	Value of shipments.....do....	1,532,508	2,309	4,251	8,769	31,295	83,607	191,690	367,659	468,448	374,480	(D)
	Capital expend., new...do....	36,226	(1)	(1)	(1)	(1)	1,719	5,452	4,987	17,234	5,819	(D)
3361	Aluminum castings:											
	Number of establishments.....	955	329	177	166	163	63	32	18	6	1	...
	All employees:											
	Number.....	30,045	661	1,190	2,259	4,931	4,289	4,918	6,163	5,634	(D)	...
	Payroll.....\$1,000..	158,915	2,412	5,202	10,201	23,342	21,735	25,946	36,937	33,140	(D)	...
	Value added, adjusted..do....	225,686	4,581	7,990	15,208	37,207	32,510	34,184	43,437	50,569	(D)	...
	Value of shipments.....do....	422,041	8,634	15,314	27,402	73,409	62,185	71,127	85,699	78,271	(D)	...
	Capital expend., new...do....	12,220	828	542	794	1,600	1,256	2,608	3,734	858	(D)	...
3362	Brass, bronze, copper castings:											
	Number of establishments.....	665	190	125	141	143	44	15	7	...	...	...
	All employees:											
	Number.....	14,861	421	869	2,008	4,260	3,018	2,104	2,181	...	...	...
	Payroll.....\$1,000..	70,512	1,777	3,695	8,758	20,406	14,188	10,728	10,960	...	...	...
	Value added, adjusted..do....	109,744	2,935	5,924	13,142	29,876	21,361	18,734	17,772	...	...	...
	Value of shipments.....do....	220,955	6,350	11,256	26,798	62,548	46,152	34,928	32,923	...	...	...
	Capital expend., new...do....	5,103	821	505	596	1,180	1,050	(1)	536	...	...	...
3369	Nonferrous castings, nec:											
	Number of establishments.....	345	101	47	61	61	31	29	10	5	...	...
	All employees:											
	Number.....	17,253	203	312	857	1,918	2,174	5,035	3,578	3,176	...	...
	Payroll.....\$1,000..	89,239	829	1,270	3,833	9,322	10,453	26,879	19,566	17,087	...	...
	Value added, adjusted..do....	135,311	1,449	2,153	6,812	14,572	17,237	38,862	28,201	26,025	...	...
	Value of shipments.....do....	234,649	3,236	4,402	12,711	28,085	32,046	67,648	44,059	42,462	...	...
	Capital expend., new...do....	5,013	662	(1)	561	621	866	1,293	(1)	(1)	...	...
3391	Iron and steel forgings:											
	Number of establishments.....	301	46	31	35	69	40	46	21	9	3	1
	All employees:											
	Number.....	36,456	86	214	505	2,235	2,878	7,557	7,623	5,982	9,376	(D)
	Payroll.....\$1,000..	213,714	391	1,116	2,899	13,008	17,437	43,186	43,213	35,301	57,163	(D)
	Value added, adjusted..do....	310,148	817	1,823	4,633	20,910	29,635	66,617	60,572	48,032	77,109	(D)
	Value of shipments.....do....	670,916	1,554	3,503	10,382	43,051	64,128	138,395	134,750	111,578	163,575	(D)
	Capital expend., new...do....	13,513	(1)	(1)	(1)	1,079	1,398	2,149	2,934	1,866	3,440	(D)
3392	Nonferrous forgings:											
	Number of establishments.....	29	1	4	4	6	5	3	3	1	2	...
	All employees:											
	Number.....	5,932	31	(D)	53	168	340	350	4,990	(D)	(D)	...
	Payroll.....\$1,000..	34,634	170	(D)	281	957	1,545	2,063	29,618	(D)	(D)	...
	Value added, adjusted..do....	40,963	181	(D)	489	1,571	2,121	3,327	33,274	(D)	(D)	...
	Value of shipments.....do....	115,048	464	(D)	1,037	3,601	4,606	6,759	98,581	(D)	(D)	...
	Capital expend., new...do....	3,134	(1)	(D)	(1)	(D)	(1)	(1)	2,950	(D)	(D)	...
3399	Primary metal industry, nec:											
	Number of establishments.....	581	169	140	123	111	28	9	1	...	...	...
	All employees:											
	Number.....	9,795	388	954	1,682	3,343	1,906	1,522	(D)	...	...	...
	Payroll.....\$1,000..	52,717	1,913	5,057	8,762	17,453	10,711	8,821	(D)	...	...	...
	Value added, adjusted..do....	90,656	3,912	9,909	15,096	28,367	18,950	14,422	(D)	...	...	...
	Value of shipments.....do....	141,172	6,353	13,413	20,292	44,297	32,507	24,310	(D)	...	...	...
	Capital expend., new...do....	5,615	573	705	1,108	1,456	706	1,067	(D)	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
34	Fabricated metal products:											
	Number of establishments.....	24,782	7,941	4,177	4,352	4,246	1,892	1,375	480	231	74	14
	All employees:											
	Number.....	1,057,986	16,411	28,195	60,118	131,673	130,475	213,475	164,892	156,642	97,868	58,237
	Payroll.....\$1,000..	5,412,405	63,893	123,758	280,572	639,828	646,214	1,084,502	865,117	848,692	536,796	323,033
	Value added, adjusted..do....	9,412,183	145,668	224,931	483,270	1,084,190	1,127,557	1,895,175	1,535,986	1,522,702	919,031	473,673
	Capital expend., new...do....	458,397	16,180	14,097	29,539	56,742	45,103	86,265	74,002	66,306	44,611	25,552
3411	Metal cans:											
	Number of establishments.....	222	12	12	9	40	36	47	33	23	10	...
	All employees:											
	Number.....	54,238	18	89	136	1,384	2,553	7,756	27,940	(D)	14,362	...
	Payroll.....\$1,000..	303,885	61	448	535	6,173	12,809	41,809	157,998	(D)	84,052	...
	Value added, adjusted..do....	668,606	145	1,626	1,640	14,461	35,282	117,966	357,395	(D)	140,091	...
	Value of shipments.....do....	1,824,106	348	4,407	5,150	58,548	113,605	347,098	938,326	(D)	356,624	...
	Capital expend., new...do....	52,881	(1)	(1)	(1)	1,420	1,621	20,918	20,518	(D)	8,264	...
3421	Cutlery:											
	Number of establishments.....	183	57	31	23	24	17	21	5	4	1	...
	All employees:											
	Number.....	11,831	102	215	331	763	1,223	3,058	1,587	4,552	(D)	...
	Payroll.....\$1,000..	52,745	331	946	1,344	3,123	4,635	12,684	6,278	23,404	(D)	...
	Value added, adjusted..do....	126,310	1,032	1,594	2,519	5,071	7,454	20,286	9,991	78,363	(D)	...
	Value of shipments.....do....	179,271	1,722	3,150	4,386	7,896	10,870	32,952	17,929	100,366	(D)	...
	Capital expend., new...do....	2,370	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,426	(D)	...
3423	Hand and edge tools:											
	Number of establishments.....	763	286	109	118	111	64	49	18	7	1	...
	All employees:											
	Number.....	30,273	575	717	1,633	3,499	4,269	7,991	6,249	5,340	(D)	...
	Payroll.....\$1,000..	142,551	2,171	2,840	6,936	14,913	20,285	37,873	31,045	26,488	(D)	...
	Value added, adjusted..do....	267,316	4,941	4,765	12,682	26,442	37,189	71,448	62,076	47,773	(D)	...
	Value of shipments.....do....	440,150	8,533	7,935	20,967	42,882	63,159	116,634	104,635	75,405	(D)	...
	Capital expend., new...do....	8,588	(1)	(1)	785	908	808	2,069	1,897	1,549	(D)	...
3425	Hand saws and saw blades:											
	Number of establishments.....	89	16	18	17	17	8	9	1	3	...	...
	All employees:											
	Number.....	5,509	32	120	233	512	553	1,647	(D)	2,412	...	...
	Payroll.....\$1,000..	28,311	127	534	1,061	2,540	2,413	9,166	(D)	12,470	...	...
	Value added, adjusted..do....	53,658	276	824	2,474	3,802	4,530	16,990	(D)	24,762	...	...
	Value of shipments.....do....	87,626	484	1,593	3,552	6,888	7,486	28,568	(D)	39,055	...	...
	Capital expend., new...do....	1,225	(1)	(1)	(1)	(1)	(1)	(1)	(D)	(1)	...	...
3429	Hardware, nec:											
	Number of establishments.....	1,059	311	147	147	185	104	93	43	16	7	6
	All employees:											
	Number.....	88,105	581	1,012	2,005	5,850	7,536	14,398	14,619	9,653	32,451	(D)
	Payroll.....\$1,000..	433,304	2,024	4,286	8,200	25,955	32,635	69,957	68,753	49,183	172,311	(D)
	Value added, adjusted..do....	754,943	5,095	8,502	15,398	49,110	67,259	128,682	121,754	84,867	274,276	(D)
	Value of shipments.....do....	1,347,879	10,175	17,091	30,713	94,721	114,394	242,442	213,575	135,180	489,588	(D)
	Capital expend., new...do....	25,644	604	529	937	1,971	3,608	4,101	3,167	2,079	8,648	(D)
3431	Plumbing fixtures:											
	Number of establishments.....	63	11	6	5	13	8	4	9	4	3	...
	All employees:											
	Number.....	12,432	58	(D)	74	358	576	781	3,477	7,108	(D)	...
	Payroll.....\$1,000..	67,848	200	(D)	393	1,752	3,134	4,035	19,882	38,452	(D)	...
	Value added, adjusted..do....	118,555	404	(D)	914	4,966	5,310	7,081	34,035	65,845	(D)	...
	Value of shipments.....do....	214,872	1,202	(D)	1,882	8,943	10,374	13,849	61,513	117,109	(D)	...
	Capital expend., new...do....	8,928	(1)	(D)	(D)	(1)	(1)	(1)	2,250	5,830	(D)	...
3432	Plumbing fittings, brass goods:											
	Number of establishments.....	254	70	55	45	30	17	24	8	4	1	...
	All employees:											
	Number.....	14,663	149	367	627	1,055	1,247	3,906	2,549	4,763	(D)	...
	Payroll.....\$1,000..	66,937	622	1,546	2,688	4,560	5,237	16,787	12,516	22,981	(D)	...
	Value added, adjusted..do....	120,560	1,560	3,216	5,546	8,425	9,107	31,287	22,341	39,078	(D)	...
	Value of shipments.....do....	250,326	3,402	7,021	12,542	17,684	19,814	69,121	45,215	75,527	(D)	...
	Capital expend., new...do....	3,564	(1)	(1)	(1)	(1)	(1)	894	(1)	1,239	(D)	...
3433	Nonelectric heating equipment:											
	Number of establishments.....	672	178	95	96	126	67	58	34	17	1	...
	All employees:											
	Number.....	44,680	381	662	1,345	3,871	4,805	9,228	12,107	12,281	(D)	...
	Payroll.....\$1,000..	222,681	1,582	2,948	6,285	18,697	23,110	44,065	59,768	66,226	(D)	...
	Value added, adjusted..do....	432,799	2,302	5,072	10,327	34,534	41,760	80,882	121,862	136,060	(D)	...
	Value of shipments.....do....	912,878	7,684	12,665	26,389	77,213	91,867	181,340	248,805	266,915	(D)	...
	Capital expend., new...do....	13,415	(1)	(1)	946	1,063	1,262	2,423	3,185	4,144	(D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-47

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3441	Fabricated structural steel:											
	Number of establishments.....	1,861	427	300	354	389	186	138	45	18	3	1
	All employees:											
	Number.....	91,252	859	2,014	4,959	12,008	12,859	22,302	15,312	11,939	9,000	(D)
	Payroll.....\$1,000..	502,697	3,310	9,626	25,853	64,846	71,633	124,111	85,519	67,882	49,917	(D)
	Value added, adjusted..do....	821,626	7,526	17,983	38,697	106,336	112,858	213,880	143,147	123,119	58,080	(D)
	Value of shipments.....do....	1,901,106	16,519	39,712	87,791	231,699	255,723	491,963	348,171	258,520	171,008	(D)
	Capital expend., new...do....	36,789	1,175	1,342	2,423	5,285	4,511	6,732	6,396	5,870	3,055	(D)
3442	Metal doors, sash and trim:											
	Number of establishments.....	1,546	395	278	313	302	134	84	25	14	1	...
	All employees:											
	Number.....	57,897	884	1,919	4,322	9,417	9,099	12,916	8,312	11,028	(D)	...
	Payroll.....\$1,000..	273,219	3,638	8,171	19,218	42,166	40,080	61,482	41,645	56,819	(D)	...
	Value added, adjusted..do....	469,050	7,434	14,917	33,556	76,430	72,688	109,805	70,709	83,511	(D)	...
	Value of shipments.....do....	1,037,371	20,777	36,622	83,184	185,055	161,407	235,689	152,078	162,559	(D)	...
	Capital expend., new...do....	18,055	723	971	1,809	3,534	2,021	3,985	2,495	2,517	(D)	...
3443	Boiler shop products:											
	Number of establishments.....	1,252	271	189	235	282	119	91	28	25	9	3
	All employees:											
	Number.....	90,551	617	1,294	3,225	8,841	8,127	13,542	10,105	17,885	11,398	15,517
	Payroll.....\$1,000..	497,146	2,679	6,025	15,932	45,770	42,282	74,683	60,149	101,937	64,398	83,291
	Value added, adjusted..do....	754,972	6,415	11,445	26,580	71,966	67,328	103,081	77,559	142,699	114,457	133,442
	Value of shipments.....do....	1,670,007	13,380	22,520	57,490	158,192	145,159	234,712	184,716	344,571	230,998	278,269
	Capital expend., new...do....	45,043	(1)	869	1,222	3,295	2,769	5,073	6,309	10,199	4,636	10,194
3444	Sheet metal work:											
	Number of establishments.....	3,159	1,239	637	584	465	146	67	16	3	2	...
	All employees:											
	Number.....	58,800	2,579	4,248	7,898	14,040	9,841	10,095	5,268	4,831	(D)	...
	Payroll.....\$1,000..	309,060	10,557	19,554	38,922	75,710	53,067	54,924	27,187	29,139	(D)	...
	Value added, adjusted..do....	516,136	23,938	32,868	64,205	124,179	83,813	92,020	46,735	48,378	(D)	...
	Value of shipments.....do....	1,077,881	43,448	64,458	125,618	246,903	167,756	209,676	95,671	124,281	(D)	...
	Capital expend., new...do....	22,339	2,194	1,542	5,373	3,966	2,810	2,866	1,381	2,207	(D)	...
3449	Miscellaneous metal work, nec:											
	Number of establishments.....	1,591	746	220	228	200	105	65	20	5	2	...
	All employees:											
	Number.....	42,122	1,393	1,420	3,140	6,507	7,354	10,390	6,656	5,262	(D)	...
	Payroll.....\$1,000..	224,804	5,051	6,161	15,780	35,264	40,420	56,690	34,853	30,585	(D)	...
	Value added, adjusted..do....	401,076	11,716	10,390	28,510	63,307	67,630	105,223	60,558	53,742	(D)	...
	Value of shipments.....do....	917,151	21,413	19,442	61,165	166,026	162,313	253,149	125,998	107,645	(D)	...
	Capital expend., new...do....	15,903	894	517	1,465	2,378	2,169	4,254	2,307	1,919	(D)	...
3451	Screw machine products:											
	Number of establishments.....	1,792	674	340	359	287	89	35	6	2	...	...
	All employees:											
	Number.....	31,836	1,449	2,327	4,928	8,598	5,961	5,280	3,293	(D)	...	...
	Payroll.....\$1,000..	154,925	5,856	10,593	23,492	41,980	28,770	26,760	17,474	(D)	...	...
	Value added, adjusted..do....	249,975	14,259	19,861	40,454	65,936	42,404	39,221	27,840	(D)	...	...
	Value of shipments.....do....	425,113	23,651	33,763	66,690	114,736	76,062	63,539	46,672	(D)	...	...
	Capital expend., new...do....	11,222	1,086	1,211	1,853	2,883	1,285	1,319	1,585	(D)	...	...
3452	Bolts, nuts, washers, and rivets:											
	Number of establishments.....	525	111	56	75	95	64	69	24	23	7	1
	All employees:											
	Number.....	53,270	231	380	1,073	2,835	4,642	10,593	7,997	14,831	10,688	(D)
	Payroll.....\$1,000..	286,039	884	1,758	5,447	15,166	25,754	55,690	44,398	77,151	59,791	(D)
	Value added, adjusted..do....	504,731	2,452	3,918	10,211	28,583	46,996	103,402	84,979	125,740	98,450	(D)
	Value of shipments.....do....	880,328	5,756	7,756	20,530	59,227	89,664	195,615	142,007	206,512	153,261	(D)
	Capital expend., new...do....	43,707	574	(1)	639	8,814	3,086	4,959	13,235	6,267	5,778	(D)
3461	Metal stampings:											
	Number of establishments.....	2,456	536	410	469	521	246	180	62	21	9	2
	All employees:											
	Number.....	125,567	1,162	2,787	6,604	16,481	16,839	27,205	21,373	14,613	18,503	(D)
	Payroll.....\$1,000..	645,683	4,639	12,608	30,940	80,398	85,137	137,134	110,376	80,517	103,934	(D)
	Value added, adjusted..do....	1,049,311	10,544	22,907	52,962	127,645	146,167	221,521	170,896	144,557	152,012	(D)
	Value of shipments.....do....	2,101,736	18,081	44,709	96,013	238,360	284,203	443,102	371,200	307,745	298,323	(D)
	Capital expend., new...do....	50,439	2,160	1,718	2,970	6,769	4,813	7,745	6,181	6,356	11,727	(D)
3471	Plating and polishing:											
	Number of establishments.....	2,646	1,020	561	523	402	112	28	...	...	...	...
	All employees:											
	Number.....	36,471	2,129	3,822	7,197	11,830	7,445	4,048	...	...	...	...
	Payroll.....\$1,000..	156,274	7,899	15,732	30,978	51,475	31,082	19,108	...	...	...	...
	Value added, adjusted..do....	253,784	17,327	27,215	49,481	81,705	52,232	25,824	...	...	...	...
	Value of shipments.....do....	359,116	24,334	37,375	66,441	116,042	74,627	40,297	...	...	...	...
	Capital expend., new...do....	15,877	2,184	1,698	3,959	4,402	2,711	923	...	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3479	Metal coating, engraving, etc.: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	1,003 15,680 68,046 108,379 196,389 4,676	442 864 3,268 7,350 10,825 535	175 1,139 4,511 7,623 11,120 513	194 2,635 11,429 17,722 26,090 909	129 3,981 18,138 28,817 43,700 1,218	37 2,453 11,335 18,308 30,352 590	21 3,060 12,851 20,115 51,647 543	5 1,548 6,514 8,444 22,655 (1)	... ... ... ... ... ...	... ... ... ... ... ...	... ... ... ... ... ...
3481	Fabricated wire products, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	1,463 55,476 261,027 439,940 874,923 18,105	452 1,003 3,722 8,659 18,820 974	229 1,539 6,136 11,104 25,958 884	244 3,365 13,887 24,511 49,008 1,511	262 8,514 37,339 62,417 138,103 3,119	135 9,174 41,398 72,013 149,264 2,951	107 16,242 74,348 120,551 238,212 3,642	24 8,391 45,475 78,853 149,341 3,947	9 7,248 38,722 61,832 106,217 1,077	1 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...
3491	Metal barrels, drums and pails: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	125 9,640 53,005 94,548 250,256 4,583	21 45 199 489 1,344 (1)	19 127 487 1,168 3,741 (1)	11 151 807 1,513 4,471 (1)	21 717 3,592 6,832 19,464 681	21 1,523 8,111 17,158 48,524 (1)	21 3,532 19,954 37,517 98,940 1,804	10 3,545 19,855 29,871 73,772 1,538	1 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...	... ... ... ... ... ...
3492	Safes and vaults: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	33 3,495 15,843 39,537 58,790 683	13 27 138 323 655 (1)	5 226 1,169 2,562 3,629 (1)	3 (D) (D) (D) (D) (D)	5 (D) (D) (D) (D) (D)	2 467 2,107 3,027 6,627 (1)	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...	2 2,775 12,429 33,625 47,879 530	1 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...
3493	Steel springs: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	90 6,758 35,607 54,135 120,525 1,721	20 41 146 459 932 (1)	13 90 487 901 1,442 (1)	14 180 921 1,687 2,925 (1)	14 422 2,149 3,301 7,275 (1)	11 765 3,952 6,106 11,863 (1)	12 2,084 11,112 17,226 41,987 527	5 3,176 16,840 24,455 54,101 643	... ... ... ... ... ...	1 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...
3494	Valves and pipe fittings: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	588 74,994 400,331 716,056 1,241,535 32,748	94 188 989 2,727 5,318 (1)	54 385 1,962 7,921 3,782 (1)	95 1,341 7,070 15,763 28,065 842	121 3,745 19,443 38,027 69,703 1,886	70 5,130 27,709 51,880 102,716 1,704	78 12,406 63,128 119,656 220,880 5,919	41 14,395 76,078 140,466 227,867 5,411	22 15,869 85,523 164,271 275,406 7,117	12 21,535 118,429 179,545 303,598 9,289	1 (D) (D) (D) (D) (D) (D)
3496	Collapsible tubes: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	22 3,837 16,118 25,257 44,700 1,572	1 669 2,695 4,971 9,192 (1)	... ... ... ... ... ...	1 (D) (D) (D) (D) (D)	4 (D) (D) (D) (D) (D)	6 (D) (D) (D) (D) (D)	4 779 3,367 4,330 10,207 (1)	6 2,389 10,056 15,956 25,301 1,142	..................	..................	..................
3497	Metal foil and leaf: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	65 3,195 17,105 35,170 88,871 2,855	16 34 169 540 1,541 (1)	13 91 424 1,106 3,140 (1)	6 93 467 1,483 5,064 (1)	11 404 2,028 4,933 10,964 (1)	8 511 2,617 5,413 13,630 (1)	9 2,062 11,400 21,695 34,532 2,272	1 (D) (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...	... ... ... ... ... ...
3498	Fabricated pipe and fittings: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	286 15,214 84,015 155,621 329,979 4,103	48 82 311 820 1,644 (1)	38 261 1,269 2,341 5,431 (1)	64 914 4,676 10,283 22,820 (1)	64 1,947 9,555 16,149 37,614 697	36 2,445 13,305 23,348 50,098 1,112	25 3,713 20,759 30,984 75,080 674	7 2,230 14,637 33,705 64,893 589	2 3,622 19,503 37,991 72,399 (1)	2 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-49

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3499	Fabricated metal products, nec:											
	Number of establishments.....	974	474	167	120	126	44	34	4	5	...	...
	All employees:											
	Number.....	20,200	965	1,094	1,643	3,802	2,908	5,259	1,460	3,069	...	...
	Payroll.....\$1,000...	93,199	3,446	4,357	7,034	15,696	12,614	25,081	8,060	16,911	...	...
	Value added, adjusted..do....	180,132	7,131	8,822	13,731	28,669	45,631	15,156	32,994	...	...	...
	Value of shipments.....do....	340,096	15,626	16,995	26,017	56,905	53,815	85,788	26,969	57,981	...	...
	Capital expend., new...do....	11,362	1,248	640	858	1,318	3,379	1,757	(1)	1,733	...	...
35	Machinery, except electrical:											
	Number of establishments.....	29,839	12,088	5,634	4,757	3,817	1,458	1,106	478	292	155	54
	All employees:											
	Number.....	1,348,245	24,044	37,820	65,037	116,508	101,215	170,433	165,512	202,865	232,498	232,313
	Payroll.....\$1,000...	7,303,661	102,623	184,115	339,438	640,825	544,947	919,037	889,142	1,092,963	1,299,391	1,291,180
	Value added, adjusted..do....	12,391,190	232,163	315,436	541,495	1,027,157	914,174	1,569,257	1,491,761	1,849,772	2,969,724	2,380,251
	Capital expend., new...do....	676,419	47,819	24,101	30,564	52,986	41,086	58,003	62,167	100,312	108,472	150,909
3511	Steam engines and turbines:											
	Number of establishments.....	28	...	...	3	1	3	6	1	4	4	6
	All employees:											
	Number.....	45,347	...	...	1,477	(D)	(D)	(D)	(D)	3,145	7,203	33,522
	Payroll.....\$1,000...	274,589	...	...	7,887	(D)	(D)	(D)	(D)	18,562	42,873	205,267
	Value added, adjusted..do....	568,643	...	...	14,318	(D)	(D)	(D)	(D)	38,322	61,642	454,361
	Value of shipments.....do....	961,769	...	...	25,339	(D)	(D)	(D)	(D)	68,523	133,571	734,336
	Capital expend., new...do....	20,492	...	...	(1)	(1)	(1)	(1)	(1)	912	3,253	15,923
3519	Internal combustion engines:											
	Number of establishments.....	112	18	12	7	21	4	14	8	11	12	5
	All employees:											
	Number.....	50,225	38	79	105	608	276	2,469	2,820	7,757	18,700	17,373
	Payroll.....\$1,000...	277,186	146	328	396	3,021	1,423	12,581	15,038	41,832	100,538	101,883
	Value added, adjusted..do....	499,328	401	635	541	4,872	6,796	21,610	20,695	68,686	182,470	192,622
	Value of shipments.....do....	1,055,699	792	1,474	952	9,898	7,548	51,743	40,486	171,348	357,170	414,288
	Capital expend., new...do....	40,699	(1)	(1)	(1)	(1)	(1)	504	1,478	1,570	8,451	28,360
3522	Farm machinery and equipment:											
	Number of establishments.....	1,469	485	258	217	241	110	91	24	21	14	8
	All employees:											
	Number.....	108,586	942	1,716	2,944	7,427	8,029	13,683	7,871	15,370	50,604	(D)
	Payroll.....\$1,000...	550,998	3,145	6,856	12,391	32,230	35,608	62,830	37,644	80,692	279,602	(D)
	Value added, adjusted..do....	1,087,836	8,000	14,879	22,855	60,870	68,612	129,623	79,236	139,723	564,038	(D)
	Value of shipments.....do....	2,421,873	19,438	33,037	51,434	136,018	163,962	299,869	209,367	387,420	1,21,328	(D)
	Capital expend., new...do....	49,779	1,578	1,040	1,363	2,935	2,765	3,825	2,815	5,572	27,886	(D)
3531	Construction machinery:											
	Number of establishments.....	579	148	62	74	91	54	75	29	26	14	6
	All employees:											
	Number.....	95,304	307	411	999	2,906	3,750	11,922	9,899	17,463	19,624	28,023
	Payroll.....\$1,000...	496,751	1,267	2,003	5,248	15,210	19,026	62,786	53,755	92,372	108,339	136,745
	Value added, adjusted..do....	1,022,801	3,390	3,594	10,685	29,978	30,350	111,783	79,905	185,891	165,827	401,398
	Value of shipments.....do....	2,107,352	7,533	7,695	20,894	58,700	65,839	252,592	178,947	423,876	375,496	715,780
	Capital expend., new...do....	44,810	(1)	(1)	(1)	1,735	1,526	4,389	6,629	8,709	6,363	14,445
3532	Mining machinery and equipment:											
	Number of establishments.....	173	45	11	27	32	23	20	6	6	2	1
	All employees:											
	Number.....	17,808	109	70	358	1,015	1,612	3,093	2,003	4,717	4,831	(D)
	Payroll.....\$1,000...	96,966	541	379	2,073	5,636	9,039	17,827	11,077	25,396	24,998	(D)
	Value added, adjusted..do....	165,831	1,114	709	4,167	11,104	17,770	31,691	15,969	42,418	40,889	(D)
	Value of shipments.....do....	342,035	2,480	1,392	8,989	23,120	32,495	64,232	38,141	93,627	77,559	(D)
	Capital expend., new...do....	6,507	(1)	(1)	(1)	(1)	811	1,482	553	1,984	1,158	(D)
3533	Oil-field machines and equipment:											
	Number of establishments.....	389	107	42	72	62	38	34	22	8	3	1
	All employees:											
	Number.....	31,878	219	287	995	2,002	2,679	5,630	7,204	5,177	7,685	(D)
	Payroll.....\$1,000...	174,692	1,045	1,330	5,488	10,815	14,407	29,736	39,629	27,194	45,048	(D)
	Value added, adjusted..do....	336,788	3,043	2,344	10,876	21,539	30,458	56,924	64,967	46,356	100,281	(D)
	Value of shipments.....do....	585,268	6,120	4,822	18,566	37,677	57,206	104,845	136,797	73,817	145,418	(D)
	Capital expend., new...do....	18,341	(1)	(1)	559	1,139	802	3,465	1,749	5,229	5,049	(D)
3534	Elevators and moving stairways:											
	Number of establishments.....	144	22	21	25	36	23	11	4	...	2	...
	All employees:											
	Number.....	9,626	50	131	336	1,118	1,588	1,818	4,585	...	(D)	...
	Payroll.....\$1,000...	55,657	204	622	1,717	6,174	8,563	9,603	28,774	...	(D)	...
	Value added, adjusted..do....	126,270	448	1,225	2,759	9,113	14,839	23,755	74,131	...	(D)	...
	Value of shipments.....do....	192,806	849	2,166	5,127	17,439	25,974	35,467	105,784	...	(D)	...
	Capital expend., new...do....	2,321	(1)	(1)	(1)	(1)	(1)	724	985	...	(D)	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3535	Conveyors:											
	Number of establishments.....	420	114	73	83	77	26	27	10	10	...	...
	All employees:											
	Number.....	20,789	252	509	1,121	2,468	1,888	4,115	3,754	6,682	...	...
	Payroll.....\$1,000..	119,431	1,149	2,602	6,178	13,805	10,540	24,859	22,750	37,548	...	...
	Value added, adjusted..do....	192,892	2,402	4,522	10,589	20,865	19,955	37,738	34,694	62,127	...	...
	Value of shipments.....do....	385,714	5,117	9,127	22,829	43,637	37,919	81,281	62,440	123,364	...	...
	Capital expend., new...do....	7,197	936	(¹)	1,390	(¹)	(¹)	887	693	2,243	...	...
3536	Hoists, cranes, and monorails:											
	Number of establishments.....	81	2	2	23	21	11	12	5	4	1	...
	All employees:											
	Number.....	9,520	18	(D)	360	677	717	2,051	1,694	4,003	(D)	...
	Payroll.....\$1,000..	53,566	75	(D)	2,133	3,749	4,069	10,896	8,914	23,730	(D)	...
	Value added, adjusted..do....	92,759	158	(D)	3,488	6,961	6,381	17,871	16,573	41,327	(D)	...
	Value of shipments.....do....	184,722	248	(D)	7,593	14,088	13,956	34,331	30,925	83,581	(D)	...
	Capital expend., new...do....	5,056	(¹)	(D)	(¹)	(¹)	(¹)	692	3,366	(D)	(D)	
3537	Industrial trucks and tractors:											
	Number of establishments.....	262	79	50	37	49	21	15	4	5	1	1
	All employees:											
	Number.....	14,786	145	321	491	1,464	1,435	2,195	1,368	7,367	(D)	(D)
	Payroll.....\$1,000..	76,200	501	1,354	2,126	7,016	7,035	10,529	7,136	40,503	(D)	(D)
	Value added, adjusted..do....	117,500	1,114	2,604	3,941	11,599	11,258	14,475	8,438	64,071	(D)	(D)
	Value of shipments.....do....	269,328	2,885	5,250	8,235	23,712	25,087	34,230	30,409	139,520	(D)	(D)
	Capital expend., new...do....	3,344	(¹)	(¹)	(¹)	536	(¹)	(¹)	579	957	(D)	(D)
3541	Metal-cutting machine tools:											
	Number of establishments.....	627	213	99	84	88	47	48	21	17	9	1
	All employees:											
	Number.....	52,864	435	692	1,130	2,878	3,221	7,756	7,408	11,951	17,393	(D)
	Payroll.....\$1,000..	300,344	1,713	3,270	5,864	16,000	19,189	43,797	43,336	66,880	100,295	(D)
	Value added, adjusted..do....	420,961	4,540	6,068	8,999	23,187	30,928	61,377	66,147	90,345	129,370	(D)
	Value of shipments.....do....	679,836	6,805	9,848	15,073	40,903	49,677	103,821	105,036	146,585	202,088	(D)
	Capital expend., new...do....	18,840	565	(¹)	(¹)	641	1,257	2,245	3,299	3,883	6,216	(D)
3542	Metal-forming machine tools:											
	Number of establishments.....	291	60	41	43	65	30	31	10	9	2	...
	All employees:											
	Number.....	22,502	136	272	608	2,025	2,135	4,910	3,492	8,924	(D)	...
	Payroll.....\$1,000..	132,368	674	1,481	3,297	11,301	12,136	28,730	21,167	53,582	(D)	...
	Value added, adjusted..do....	176,021	1,499	2,221	5,713	16,181	16,935	40,908	26,830	65,734	(D)	...
	Value of shipments.....do....	317,657	2,288	3,478	8,990	24,978	28,812	75,663	56,417	117,031	(D)	...
	Capital expend., new...do....	11,723	(¹)	(¹)	(¹)	522	504	1,972	1,904	5,998	(D)	...
3544	Special dies and tools:											
	Number of establishments.....	5,745	2,363	1,282	1,106	729	164	82	15	...	4	...
	All employees:											
	Number.....	83,308	4,882	8,681	14,986	21,369	10,817	12,213	5,102	...	5,258	...
	Payroll.....\$1,000..	536,588	24,141	48,221	88,550	142,674	71,818	89,272	33,240	...	38,672	...
	Value added, adjusted..do....	780,090	50,984	75,333	128,589	202,523	103,697	118,573	45,398	...	54,993	...
	Value of shipments.....do....	1,060,566	70,774	102,661	173,720	270,602	138,762	167,175	64,091	...	72,781	...
	Capital expend., new...do....	43,242	6,601	5,885	6,794	9,844	4,248	3,534	2,547	...	3,790	...
3545	Machine tool accessories:											
	Number of establishments.....	905	270	167	171	148	69	47	19	9	5	...
	All employees:											
	Number.....	41,521	550	1,134	2,369	4,499	4,664	6,911	6,494	7,162	7,738	...
	Payroll.....\$1,000..	226,949	2,661	5,691	12,799	25,537	25,839	37,917	35,933	37,498	43,074	...
	Value added, adjusted..do....	348,580	5,771	10,081	18,835	38,606	41,785	55,242	57,316	61,474	59,470	...
	Value of shipments.....do....	511,456	9,108	14,904	28,733	56,445	62,573	81,333	77,678	92,734	87,948	...
	Capital expend., new...do....	15,277	(¹)	605	963	1,156	1,730	1,899	2,066	3,023	3,404	...
3548	Metalworking machinery, nec:											
	Number of establishments.....	362	90	76	53	45	35	28	15	13	6	1
	All employees:											
	Number.....	33,328	188	498	717	1,356	2,301	4,229	5,114	8,999	9,926	(D)
	Payroll.....\$1,000..	183,307	807	2,402	3,737	7,868	12,470	23,447	27,390	49,226	55,960	(D)
	Value added, adjusted..do....	332,397	2,597	4,550	7,047	14,069	23,341	41,869	49,316	87,505	102,103	(D)
	Value of shipments.....do....	602,015	4,504	7,607	12,176	20,731	38,440	74,594	90,004	164,134	189,825	(D)
	Capital expend., new...do....	16,634	(¹)	(¹)	560	508	5,135	1,475	1,394	4,032	2,567	(D)
3551	Food-products machinery:											
	Number of establishments.....	672	214	115	103	124	60	33	14	7	2	...
	All employees:											
	Number.....	27,715	444	779	1,421	3,943	4,146	4,662	5,182	7,138	(D)	...
	Payroll.....\$1,000..	152,515	2,009	3,913	6,925	21,277	22,663	26,101	26,661	42,966	(D)	...
	Value added, adjusted..do....	268,639	4,370	7,230	11,688	38,275	38,428	47,716	45,786	75,146	(D)	...
	Value of shipments.....do....	456,171	9,369	13,481	20,789	67,159	69,328	78,985	75,493	121,567	(D)	...
	Capital expend., new...do....	7,583	(¹)	(¹)	(¹)	812	894	1,105	2,470	1,447	(D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-51

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3552	Textile machinery:											
	Number of establishments.....	553	159	87	95	110	48	28	14	5	6	1
	All employees:											
	Number.....	34,313	352	585	1,364	3,367	3,512	4,453	4,832	2,950	12,898	(D)
	Payroll.....\$1,000..	154,548	1,281	2,440	5,628	14,054	15,688	20,665	21,382	14,351	59,059	(D)
	Value added, adjusted..do....	214,199	2,615	4,092	8,000	20,642	24,353	33,369	29,077	20,079	71,972	(D)
	Value of shipments.....do....	376,340	4,741	6,993	15,569	35,369	41,353	55,362	51,559	32,041	133,353	(D)
	Capital expend., new...do....	8,508	(1)	(1)	(1)	965	528	620	1,030	879	3,711	(D)
3553	Woodworking machinery:											
	Number of establishments.....	257	83	37	41	54	17	13	9	2	1	...
	All employees:											
	Number.....	12,219	173	256	564	1,764	1,353	2,031	3,147	2,931	(D)	...
	Payroll.....\$1,000..	63,414	743	1,135	2,643	8,806	7,403	9,651	16,351	16,682	(D)	...
	Value added, adjusted..do....	112,936	1,458	2,902	4,499	13,457	11,791	16,216	37,040	25,573	(D)	...
	Value of shipments.....do....	214,376	2,978	6,138	8,394	25,877	22,352	31,315	64,017	53,305	(D)	...
	Capital expend., new...do....	6,924	(1)	(1)	(1)	897	719	2,452	890	1,650	(D)	...
3554	Paper-industries machinery:											
	Number of establishments.....	202	55	24	26	39	20	21	12	4	1	...
	All employees:											
	Number.....	15,713	108	156	389	1,151	1,514	3,301	4,211	4,883	(D)	...
	Payroll.....\$1,000..	89,881	542	849	2,016	6,337	8,191	19,474	24,265	28,207	(D)	...
	Value added, adjusted..do....	123,758	1,673	1,494	3,125	9,672	13,857	31,933	37,710	24,294	(D)	...
	Value of shipments.....do....	310,179	3,095	2,472	5,171	17,049	24,347	56,962	70,246	130,837	(D)	...
	Capital expend., new...do....	4,847	(1)	(1)	(1)	(1)	628	1,125	1,205	1,375	(D)	...
3555	Printing-trades machinery:											
	Number of establishments.....	442	165	87	71	54	26	15	15	5	4	...
	All employees:											
	Number.....	21,453	364	607	976	1,725	1,775	2,483	4,830	3,481	5,212	...
	Payroll.....\$1,000..	119,575	1,621	2,866	4,818	8,813	10,217	13,844	28,109	17,702	31,585	...
	Value added, adjusted..do....	188,881	3,891	4,912	7,817	15,346	17,367	19,407	40,911	29,797	49,433	...
	Value of shipments.....do....	309,797	6,668	8,500	17,688	24,606	27,582	30,955	77,751	44,366	71,681	...
	Capital expend., new...do....	8,496	(1)	(1)	(1)	(1)	(1)	646	2,762	906	2,620	...
3559	Special-industry machinery, nec:											
	Number of establishments.....	1,048	305	179	176	187	92	63	28	14	4	...
	All employees:											
	Number.....	50,849	654	1,178	2,450	5,748	6,168	9,268	9,626	9,202	6,555	...
	Payroll.....\$1,000..	273,665	2,977	5,609	12,818	31,548	33,621	47,570	52,222	51,735	35,565	...
	Value added, adjusted..do....	431,117	7,852	10,698	21,275	49,140	51,145	80,950	92,461	69,087	48,518	...
	Value of shipments.....do....	761,077	13,641	18,213	36,882	91,396	91,166	138,864	176,946	119,448	74,521	...
	Capital expend., new...do....	17,449	757	597	718	2,253	2,683	3,032	2,084	3,632	1,693	...
3561	Pumps and compressors:											
	Number of establishments.....	582	179	79	81	78	44	62	30	20	7	2
	All employees:											
	Number.....	60,042	367	548	1,110	2,650	3,076	9,812	10,546	14,279	17,654	(D)
	Payroll.....\$1,000..	321,509	1,571	2,636	5,329	13,399	16,730	51,406	57,163	79,287	93,988	(D)
	Value added, adjusted..do....	542,037	3,470	5,750	11,203	21,820	31,202	95,381	97,785	140,329	135,097	(D)
	Value of shipments.....do....	1,114,053	7,728	11,743	20,592	48,473	65,125	190,257	199,017	252,438	318,680	(D)
	Capital expend., new...do....	24,678	(1)	(1)	558	926	974	3,604	2,399	6,000	9,399	(D)
3562	Ball and roller bearings:											
	Number of establishments.....	107	9	4	13	19	13	13	11	12	8	5
	All employees:											
	Number.....	46,439	16	31	186	613	922	2,116	3,887	8,723	13,037	16,908
	Payroll.....\$1,000..	241,160	83	136	795	3,403	4,547	10,878	20,001	45,899	69,305	86,113
	Value added, adjusted..do....	407,744	603	163	1,504	4,885	8,680	20,251	34,101	91,053	115,149	131,355
	Value of shipments.....do....	649,640	971	342	2,749	10,647	15,273	35,419	56,238	140,986	176,031	210,984
	Capital expend., new...do....	34,303	(1)	(1)	(1)	1,830	(1)	817	2,959	13,814	4,189	10,109
3564	Blowers and fans:											
	Number of establishments.....	207	47	23	33	38	32	20	7	4	3	...
	All employees:											
	Number.....	15,947	108	153	458	1,170	2,280	2,965	2,570	2,557	3,686	...
	Payroll.....\$1,000..	82,457	481	717	2,262	5,842	11,472	15,307	13,649	12,450	20,277	...
	Value added, adjusted..do....	145,050	1,290	1,310	3,647	11,490	19,801	26,836	26,679	21,331	32,660	...
	Value of shipments.....do....	271,629	2,398	2,811	6,403	21,425	36,130	52,257	45,254	42,816	62,135	...
	Capital expend., new...do....	5,569	(1)	(1)	(1)	(1)	953	816	1,475	948	610	...
3565	Industrial patterns:											
	Number of establishments.....	1,174	670	250	158	77	14	5	...	...	...	...
	All employees:											
	Number.....	8,870	1,291	1,663	2,087	2,272	911	646	...	...	...	...
	Payroll.....\$1,000..	54,746	6,684	9,600	13,722	15,392	6,073	3,275	...	...	...	...
	Value added, adjusted..do....	78,108	13,747	14,469	18,322	19,319	7,887	4,364	...	...	...	...
	Value of shipments.....do....	98,343	17,988	18,294	23,025	23,847	9,628	5,561	...	...	...	...
	Capital expend., new...do....	3,214	1,435	514	(1)	(1)	(1)	(1)	...	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
3566	Power transmission equipment: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	470 41,782 226,101 384,372 630,303 21,719	103 214 904 2,234 3,648 (¹)	60 421 2,206 3,793 6,635 (¹)	71 1,043 5,365 8,276 14,568 665	106 3,401 17,794 28,989 48,481 1,322	44 3,181 16,301 27,828 43,909 1,050	42 6,531 36,074 61,604 97,421 3,032	24 8,296 44,113 80,751 129,809 2,990	13 8,375 45,929 80,499 151,238 5,779	7 10,320 57,415 90,398 134,594 6,424	..................
3567	Industrial furnaces and ovens: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	201 10,288 57,394 96,450 204,835 2,853	42 83 373 827 1,841 (¹)	31 208 1,092 1,604 3,956 (¹)	39 546 2,979 4,472 10,673 (¹)	44 1,408 8,047 13,001 24,635 (¹)	22 1,645 8,312 14,600 28,808 (¹)	12 1,746 10,226 16,548 31,079 628	9 4,652 26,365 45,398 103,843 1,513	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...	... ... ... ... ... ...
3569	General industry machinery, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	584 28,014 159,915 281,423 458,280 17,347	195 362 1,656 4,255 7,457 (¹)	82 553 2,561 4,909 8,358 (¹)	98 1,382 7,387 12,924 24,596 606	98 3,007 16,832 30,679 54,110 1,169	55 4,014 20,678 36,444 64,952 1,030	36 5,561 30,029 54,280 96,325 1,112	11 3,921 23,190 37,848 70,670 949	6 4,099 24,111 55,108 59,440 6,186	3 5,115 33,471 44,976 72,372 5,700	1
3571	Computing and related machines: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	136 80,864 473,455 579,103 1,104,194 61,494	35 71 299 809 1,052 (¹)	17 106 538 888 1,259 (¹)	13 187 908 1,491 2,244 (¹)	12 405 2,410 4,036 6,238 (¹)	11 731 4,044 8,373 8,373 (¹)	7 1,153 5,593 11,498 21,477 (¹)	15 5,491 29,070 52,474 72,616 4,407	10 7,527 39,543 42,362 76,885 5,122	9 14,389 79,972 116,134 208,056 13,935	7 50,804 311,078 344,574 705,994 37,024
3572	Typewriters: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	18 19,779 84,467 168,877 238,173 9,779	2 34 129 167 375 (¹)	2 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)	3 973 3,831 10,007 12,414 (¹)	... ... ... ... ... ...	1 (D) (D) (D) (D) (D)	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...	4 7,324 35,838 71,134 98,951 6,629	3 11,448 44,669 87,569 126,433 3,020
3576	Scales and balances: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	72 5,347 26,574 49,125 78,335 1,406	15 37 131 268 468 (¹)	13 77 386 790 1,383 (¹)	12 169 927 1,637 2,806 (¹)	9 262 1,416 2,548 4,202 (¹)	9 558 3,289 5,147 8,328 (¹)	9 1,498 7,096 17,709 26,951 (¹)	3 2,746 13,329 21,026 34,197 738	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...	... ... ... ... ... ...
3579	Office machines, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	120 15,625 82,984 173,424 264,513 11,817	25 56 240 401 800 (¹)	13 85 345 685 1,469 (¹)	10 139 742 1,847 2,660 638	26 837 3,918 7,219 11,502 (¹)	16 1,042 4,663 8,276 15,417 (¹)	12 1,604 7,493 12,810 21,213 (¹)	13 4,444 21,978 34,514 55,806 896	1 7,418 43,605 107,672 155,646 9,405	3 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)
3581	Automatic vending machines: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	121 7,894 37,049 64,694 141,635 2,798	32 117 424 903 2,123 (¹)	18 152 573 966 2,370 (¹)	18 329 1,487 1,630 5,202 (¹)	20 615 2,531 5,366 10,811 (¹)	12 846 3,629 4,840 10,840 (¹)	15 2,445 11,329 21,668 46,521 717	3 1,147 4,995 12,778 24,500 (¹)	3 2,243 12,081 16,543 39,268 751	..................	..................
3582	Commercial laundry equipment: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	119 6,560 33,047 65,580 119,499 1,934	34 74 323 732 1,544 (¹)	22 130 654 1,312 2,375 (¹)	16 232 1,020 2,316 4,461 (¹)	20 636 3,408 6,703 13,208 (¹)	11 764 3,921 7,398 14,693 (¹)	9 1,403 7,352 11,969 25,388 (¹)	3 837 4,294 10,530 18,627 (¹)	4 2,484 12,075 24,620 39,203 575	..................	..................

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-53

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3584	Vacuum cleaners, industrial:											
	Number of establishments.....	18	7	1	4	3	3	...	...	...	...	...
	All employees:											
	Number.....	432	24	(D)	63	114	231	...	...	...	...	...
	Payroll.....\$1,000..	2,321	106	(D)	298	652	1,265	...	...	...	...	...
	Value added, adjusted..do....	4,256	239	(D)	483	969	2,565	...	...	...	...	...
	Value of shipments.....do....	10,342	492	(D)	898	2,876	6,076	...	...	...	...	...
	Capital expend., new...do....	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...	...	...
3585	Refrigeration machinery:											
	Number of establishments.....	625	148	97	102	103	61	57	29	15	8	5
	All employees:											
	Number.....	67,715	295	667	1,441	3,324	4,245	8,749	10,104	9,928	11,286	17,676
	Payroll.....\$1,000..	342,169	1,218	2,966	6,609	15,643	20,336	42,270	48,028	44,861	63,331	96,907
	Value added, adjusted..do....	598,032	3,068	4,952	11,543	29,464	35,320	80,127	87,155	89,883	67,788	188,732
	Value of shipments.....do....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	Capital expend., new...do....	21,171	(1)	(1)	528	1,156	1,419	2,312	1,653	3,012	1,509	9,034
3586	Measuring and dispensing pumps:											
	Number of establishments.....	32	5	1	6	5	2	5	3	5	...	...
	All employees:											
	Number.....	6,201	17	(D)	82	266	(D)	700	1,247	3,889	...	...
	Payroll.....\$1,000..	32,852	67	(D)	395	1,064	(D)	3,855	6,035	21,436	...	...
	Value added, adjusted..do....	64,689	130	(D)	746	2,129	(D)	5,505	17,210	38,969	...	...
	Value of shipments.....do....	119,045	260	(D)	1,379	4,380	(D)	10,948	34,800	67,278	...	...
	Capital expend., new...do....	2,238	(1)	(D)	(D)	55	(D)	(1)	(1)	1,516	...	...
3589	Service industry machines, nec:											
	Number of establishments.....	341	115	56	51	65	29	15	8	2	...	...
	All employees:											
	Number.....	11,257	215	367	699	2,056	2,153	2,304	3,463	(D)	...	...
	Payroll.....\$1,000..	61,398	949	2,015	3,596	11,324	11,634	11,677	20,203	(D)	...	...
	Value added, adjusted..do....	120,900	2,304	4,023	7,197	19,566	22,519	30,896	34,395	(D)	...	...
	Value of shipments.....do....	234,885	5,127	8,361	12,435	39,842	45,920	55,779	67,421	(D)	...	...
	Capital expend., new...do....	3,198	(1)	(1)	(1)	617	(1)	850	719	(D)	...	...
3599	Machine shops:											
	Number of establishments.....	10,151	5,428	2,140	1,494	818	159	72	21	13	6	...
	All employees:											
	Number.....	115,535	10,358	14,252	20,148	23,953	10,702	10,905	7,826	8,884	8,507	...
	Payroll.....\$1,000..	574,873	39,982	64,159	98,569	125,860	57,411	57,290	40,676	44,821	46,105	...
	Value added, adjusted..do....	959,099	89,721	109,499	156,465	201,245	94,408	94,308	66,321	74,220	72,912	...
	Value of shipments.....do....	1,479,680	138,340	160,163	225,867	301,465	152,765	150,152	107,405	125,635	117,888	...
	Capital expend., new...do....	92,813	30,893	10,769	10,931	18,133	7,513	5,433	3,727	1,410	4,004	...
36	Electrical machinery:											
	Number of establishments.....	8,091	2,103	1,077	1,112	1,293	820	754	446	247	179	60
	All employees:											
	Number.....	1,122,284	4,405	7,282	15,617	41,332	57,606	118,012	153,314	172,520	271,565	280,631
	Payroll.....\$1,000..	5,605,985	17,130	30,494	69,049	180,536	255,964	540,729	703,126	840,379	1,390,059	1,578,519
	Value added, adjusted..do....	10,395,369	38,619	56,231	123,874	333,404	463,075	993,744	1,362,728	1,575,539	2,601,461	2,846,694
	Capital expend., new...do....	449,925	4,367	4,446	7,910	18,690	16,437	45,987	50,834	80,930	102,305	118,019
3611	Electric measuring instruments:											
	Number of establishments.....	492	141	79	72	79	37	46	18	10	8	2
	All employees:											
	Number.....	46,923	291	552	1,018	2,618	2,626	6,872	6,384	6,775	19,787	(D)
	Payroll.....\$1,000..	254,833	1,257	2,551	4,856	13,139	13,583	34,168	32,124	38,453	114,702	(D)
	Value added, adjusted..do....	419,396	2,459	4,468	8,470	24,069	24,316	51,420	49,386	65,176	189,632	(D)
	Value of shipments.....do....	673,522	4,276	7,334	12,886	41,062	36,629	95,936	84,631	98,244	292,524	(D)
	Capital expend., new...do....	19,103	(1)	523	(1)	937	757	1,864	3,358	2,206	8,858	(D)
3612	Transformers:											
	Number of establishments.....	175	34	29	30	26	17	16	7	5	8	3
	All employees:											
	Number.....	34,601	92	208	415	783	1,204	2,289	2,632	4,238	22,740	(D)
	Payroll.....\$1,000..	186,361	382	846	1,663	3,201	5,669	10,656	13,214	17,888	132,842	(D)
	Value added, adjusted..do....	364,212	660	1,955	2,728	5,708	10,702	24,978	26,956	38,491	252,034	(D)
	Value of shipments.....do....	642,267	1,357	3,170	5,067	11,018	19,041	44,394	51,198	73,483	433,484	(D)
	Capital expend., new...do....	11,353	(1)	(1)	(1)	(1)	(1)	826	1,190	800	7,489	(D)
3613	Switchgear and switchboards:											
	Number of establishments.....	402	97	45	57	67	38	38	38	11	9	2
	All employees:											
	Number.....	52,871	186	297	824	2,098	2,537	5,855	13,628	7,890	19,556	(D)
	Payroll.....\$1,000..	283,152	817	1,418	4,526	11,214	12,600	28,758	67,633	44,391	111,795	(D)
	Value added, adjusted..do....	555,044	1,651	2,084	7,331	21,207	24,759	60,733	130,856	77,771	228,652	(D)
	Value of shipments.....do....	962,558	2,933	5,125	14,563	42,259	51,919	104,399	225,339	128,220	387,601	(D)
	Capital expend., new...do....	17,820	(1)	(1)	(1)	(1)	(1)	2,578	6,678	1,214	6,199	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3621	Motors and generators:											
	Number of establishments.....	378	76	37	28	58	45	52	33	24	21	4
	All employees:											
	Number.....	93,541	151	238	391	1,954	3,109	8,596	11,459	16,515	34,322	16,806
	Payroll.....\$1,000..	488,854	582	985	1,744	9,216	14,052	40,577	52,670	83,434	189,826	95,768
	Value added, adjusted..do...	813,124	1,285	1,721	2,580	16,480	20,594	73,146	101,769	142,875	294,776	157,898
	Value of shipments.....do...	1,392,573	1,979	3,320	5,286	31,255	35,727	138,501	174,271	237,727	485,869	278,638
	Capital expend., new...do...	28,311	(1)	(1)	(1)	1,009	1,121	4,251	4,243	3,335	8,698	5,341
3622	Industrial controls:											
	Number of establishments.....	216	70	37	34	21	20	15	8	3	6	2
	All employees:											
	Number.....	27,150	172	252	443	663	1,353	2,482	2,725	1,994	17,066	(D)
	Payroll.....\$1,000..	145,270	863	1,335	2,197	3,571	7,603	12,562	14,792	10,304	92,043	(D)
	Value added, adjusted..do...	281,890	1,623	1,996	4,060	5,278	14,265	21,217	22,460	19,340	191,651	(D)
	Value of shipments.....do...	413,163	3,417	4,068	7,435	9,552	23,837	45,258	34,933	27,282	257,381	(D)
	Capital expend., new...do...	7,611	(1)	(1)	(1)	(1)	(1)	708	575	(1)	5,062	(D)
3623	Welding apparatus:											
	Number of establishments.....	135	29	16	20	27	13	20	8	1	1	...
	All employees:											
	Number.....	9,895	54	116	275	855	924	3,062	4,609	(D)	(D)	...
	Payroll.....\$1,000..	60,761	212	602	1,371	4,580	5,506	17,747	30,743	(D)	(D)	...
	Value added, adjusted..do...	112,709	577	1,148	3,577	7,868	10,318	34,315	54,906	(D)	(D)	...
	Value of shipments.....do...	247,739	1,398	2,397	6,941	17,531	23,492	81,204	114,776	(D)	(D)	...
	Capital expend., new...do...	4,330	(1)	(1)	(1)	(1)	(1)	995	2,497	(D)	(D)	...
3624	Carbon and graphite products:											
	Number of establishments.....	46	3	2	6	7	8	7	5	7	1	...
	All employees:											
	Number.....	8,904	22	(D)	92	226	493	909	1,745	5,417	(D)	...
	Payroll.....\$1,000..	45,628	121	(D)	467	1,072	2,215	4,118	9,389	28,246	(D)	...
	Value added, adjusted..do...	102,483	262	(D)	791	1,615	3,600	5,923	20,505	69,787	(D)	...
	Value of shipments.....do...	154,925	481	(D)	1,216	2,400	5,372	9,675	32,666	103,115	(D)	...
	Capital expend., new...do...	11,068	(1)	(D)	(D)	(1)	(1)	(1)	2,442	7,826	(D)	...
3629	Electric industrial goods, nec:											
	Number of establishments.....	286	72	43	60	57	20	18	9	4	3	...
	All employees:											
	Number.....	16,842	174	285	848	1,767	1,471	2,538	3,257	2,560	3,942	...
	Payroll.....\$1,000..	78,595	581	1,175	3,362	6,893	6,678	10,553	14,242	13,694	21,417	...
	Value added, adjusted..do...	137,547	1,049	1,830	5,729	10,009	11,717	16,128	23,797	26,796	40,492	...
	Value of shipments.....do...	228,929	2,968	3,774	9,989	17,752	19,060	29,026	42,369	38,464	65,527	...
	Capital expend., new...do...	8,467	(1)	(1)	(1)	680	(1)	(1)	601	3,881	1,953	...
3631	Household cooking equipment:											
	Number of establishments.....	69	7	4	3	9	10	10	13	10	3	...
	All employees:											
	Number.....	18,152	85	(D)	(D)	270	701	1,452	4,506	11,138	(D)	...
	Payroll.....\$1,000..	89,239	395	(D)	(D)	1,362	2,882	6,550	20,505	57,545	(D)	...
	Value added, adjusted..do...	181,091	732	(D)	(D)	2,092	4,246	10,385	39,747	123,889	(D)	...
	Value of shipments.....do...	364,852	1,955	(D)	(D)	4,727	12,045	27,329	79,379	239,417	(D)	...
	Capital expend., new...do...	4,002	(1)	(D)	(D)	(1)	(1)	586	1,009	2,172	(D)	...
3632	Household refrigerators:											
	Number of establishments.....	26	...	...	...	2	1	5	5	2	7	4
	All employees:											
	Number.....	41,493	...	...	...	153	(D)	914	3,180	(D)	11,671	25,575
	Payroll.....\$1,000..	221,439	...	...	...	598	(D)	4,113	16,783	(D)	54,189	145,756
	Value added, adjusted..do...	433,369	...	...	...	783	(D)	7,485	29,480	(D)	96,762	298,859
	Value of shipments.....do...	1,002,302	...	...	...	2,464	(D)	15,059	74,736	(D)	304,001	606,042
	Capital expend., new...do...	9,870	...	...	...	(1)	(D)	(D)	(1)	(D)	4,272	5,018
3633	Household laundry equipment:											
	Number of establishments.....	39	1	2	3	6	4	6	4	5	6	2
	All employees:											
	Number.....	24,597	60	(D)	(D)	206	285	1,137	1,579	3,906	17,424	(D)
	Payroll.....\$1,000..	134,263	279	(D)	(D)	1,116	1,187	5,272	7,688	18,203	100,518	(D)
	Value added, adjusted..do...	324,480	280	(D)	(D)	2,002	2,057	7,778	13,371	37,380	261,612	(D)
	Value of shipments.....do...	738,920	853	(D)	(D)	4,858	5,502	25,285	32,008	115,072	555,342	(D)
	Capital expend., new...do...	7,219	(1)	(D)	(D)	(1)	(1)	(1)	(1)	(1)	6,174	(D)
3634	Electric housewares and fans:											
	Number of establishments.....	311	121	53	32	31	23	20	17	8	5	1
	All employees:											
	Number.....	29,150	245	373	435	1,013	1,608	3,253	5,929	5,625	10,669	(D)
	Payroll.....\$1,000..	128,850	833	1,314	1,605	4,088	6,177	12,859	20,726	26,863	54,385	(D)
	Value added, adjusted..do...	301,033	3,291	2,354	3,034	9,891	11,953	30,961	43,909	67,988	127,652	(D)
	Value of shipments.....do...	559,090	4,830	5,782	5,977	21,168	28,085	66,201	89,314	120,699	217,034	(D)
	Capital expend., new...do...	9,985	(1)	(1)	(1)	(1)	(1)	713	845	2,843	4,481	(D)

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-55

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3635	Household vacuum cleaners: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	27 5,330 29,863 84,180 142,020 2,217	8 16 59 135 301 (¹)	2 45 135 178 639 (¹)	3 (D) (D) (D) (D) (D)	4 185 757 959 2,846 (¹)	1 (D) (D) (D) (D) (D)	4 637 3,368 7,089 15,808 (¹)	2 4,447 25,544 75,819 122,426 2,019	2 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...
3636	Sewing machines: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	85 9,607 48,314 61,990 109,314 5,380	40 77 331 598 967 (¹)	16 112 552 710 1,182 (¹)	12 169 1,030 1,267 2,336 (¹)	6 151 1,020 1,507 2,298 (¹)	3 9,098 45,381 57,908 102,531 5,179	1 (D) (D) (D) (D) (D)	3 (D) (D) (D) (D) (D)	2 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)
3639	Household appliances, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	94 14,622 79,658 162,664 378,758 4,365	8 14 65 109 302 (¹)	4 26 109 612 1,119 (D)	11 175 949 1,665 4,937 (¹)	22 716 3,386 8,191 22,076 (¹)	11 782 3,770 6,231 18,858 (¹)	16 2,469 11,928 25,161 60,321 895	14 4,602 24,506 55,038 117,504 1,314	7 5,838 34,945 65,657 153,641 1,689	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...
3641	Electric lamps: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	66 21,495 95,298 270,498 417,516 8,276	7 16 58 84 179 (¹)	4 28 118 255 303 (¹)	3 34 117 171 221 ...	4 158 486 681 1,122 (¹)	4 332 1,149 1,488 2,526 (¹)	10 1,572 5,969 15,927 28,220 765	21 7,652 32,403 108,213 162,866 3,590	11 11,703 54,998 143,679 222,079 3,856	1 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)
3642	Lighting fixtures: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	1,181 47,309 215,829 397,378 826,595 14,415	361 786 2,956 6,663 18,121 (¹)	181 1,218 4,677 9,588 22,710 (¹)	208 2,907 12,634 25,022 55,735 1,672	224 7,268 29,718 58,890 132,903 2,350	112 7,606 33,176 63,205 128,769 1,652	60 9,341 42,123 76,517 159,943 2,170	24 7,868 36,838 66,263 133,920 2,304	10 10,315 53,707 91,230 174,494 3,474	... ... ... ... ... ...	1 (D) (D) (D) (D) (D) (D)
3643	Current carrying devices: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	422 34,808 151,687 294,189 486,186 9,629	109 216 877 1,833 4,726 (¹)	78 533 2,102 4,932 9,591 (¹)	75 1,058 4,237 8,956 16,071 (¹)	58 1,791 7,011 17,514 35,292 967	38 2,686 11,278 22,189 39,354 564	33 4,928 21,109 48,398 81,152 1,289	13 4,025 17,017 31,745 57,056 1,083	12 8,535 36,731 70,477 116,637 1,599	5 11,036 51,325 88,145 126,307 2,969	1 (D) (D) (D) (D) (D)
3644	Noncurrent carrying devices: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	150 19,722 101,382 214,607 413,758 9,976	26 42 128 428 842 (¹)	13 92 417 748 1,730 (¹)	18 263 1,110 2,482 4,549 (¹)	23 724 3,631 6,803 13,356 (¹)	23 1,533 7,198 14,469 28,501 (¹)	27 4,353 22,259 44,416 98,277 3,415	11 3,914 19,738 52,337 104,844 1,634	6 4,334 25,089 45,445 88,305 2,056	3 4,467 21,812 47,479 73,354 2,038	..................
3651	Radio and TV receiving sets: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	234 66,505 292,664 593,953 1,548,006 11,308	38 81 332 718 1,293 (¹)	27 188 749 1,497 3,370 (¹)	25 366 1,688 2,898 6,556 (¹)	27 894 3,997 6,594 15,723 (¹)	25 1,808 8,203 13,565 30,425 (¹)	34 5,391 20,915 32,266 82,989 903	21 7,379 29,456 68,170 144,861 1,243	17 12,283 50,408 86,452 291,933 2,253	17 25,709 114,752 260,565 678,908 3,886	3 12,406 62,164 121,228 291,948 1,701
3652	Phonograph records: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	94 7,421 33,381 93,073 148,731 4,011	22 47 151 451 1,058 (¹)	8 52 180 642 1,818 (¹)	11 145 686 1,492 2,644 (¹)	26 747 3,137 4,979 9,783 533	12 797 3,628 5,720 10,096 (¹)	8 1,140 4,953 18,014 24,320 1,461	4 1,460 6,485 14,697 23,159 819	1 3,033 14,161 47,078 75,853 583	2 (D) (D) (D) (D) (D)	... ... ... ... ... ...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3661	Telephone and telegraph apparatus:											
	Number of establishments.....	95	26	10	4	6	7	10	10	6	8	8
	All employees:											
	Number.....	85,544	51	69	47	200	464	1,871	3,635	4,371	74,836	(D)
	Payroll.....\$1,000..	460,499	229	308	162	924	2,209	8,998	17,140	22,258	408,271	(D)
	Value added, adjusted..do....	740,855	536	564	252	2,011	4,713	12,584	32,421	40,415	647,359	(D)
	Value of shipments.....do....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	Capital expend., new...do....	103,517	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3662	Radio, TV communication equipment:											
	Number of establishments.....	512	119	69	64	75	45	55	32	22	18	13
	All employees:											
	Number.....	129,515	247	460	911	2,286	3,275	9,032	11,806	15,446	30,652	55,400
	Payroll.....\$1,000..	743,399	930	2,088	4,141	11,600	15,867	51,398	60,203	83,368	172,546	341,258
	Value added, adjusted..do....	1,297,583	2,143	3,638	7,630	18,606	24,981	80,322	94,159	149,409	284,936	631,759
	Value of shipments.....do....	2,414,620	3,943	6,413	14,202	34,955	42,079	134,285	162,208	250,854	607,993	1,157,688
	Capital expend., new...do....	43,935	735	550	600	991	1,257	2,987	4,093	5,947	6,823	19,952
3671	Electron tubes, receiving type:											
	Number of establishments.....	85	22	10	12	10	6	...	2	7	14	2
	All employees:											
	Number.....	36,968	50	64	168	285	421	...	35,980	(D)	(D)	(D)
	Payroll.....\$1,000..	149,540	190	247	710	1,094	1,405	...	145,894	(D)	(D)	(D)
	Value added, adjusted..do....	285,799	517	478	1,365	1,898	3,165	...	278,376	(D)	(D)	(D)
	Value of shipments.....do....	382,526	650	760	1,730	3,087	4,461	...	371,838	(D)	(D)	(D)
	Capital expend., new...do....	11,514	(1)	(1)	(1)	(1)	(1)	...	10,734	(D)	(D)	(D)
3672	Cathode ray picture tubes:											
	Number of establishments.....	75	11	18	16	11	10	1	3	2	3	...
	All employees:											
	Number.....	8,554	26	119	217	344	897	(D)	1,353	5,598	(D)	...
	Payroll.....\$1,000..	38,092	89	457	849	1,379	3,898	(D)	6,752	24,668	(D)	...
	Value added, adjusted..do....	67,472	143	672	908	3,286	8,675	(D)	11,870	41,918	(D)	...
	Value of shipments.....do....	159,252	249	1,132	1,928	4,823	14,879	(D)	30,196	106,045	(D)	...
	Capital expend., new...do....	1,406	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...
3673	Electron tubes, transmitting:											
	Number of establishments.....	48	2	1	1	12	7	7	6	6	4	2
	All employees:											
	Number.....	20,146	466	(D)	(D)	(D)	565	1,035	2,204	4,727	11,149	(D)
	Payroll.....\$1,000..	102,150	2,027	(D)	(D)	(D)	2,632	5,253	11,001	23,338	57,899	(D)
	Value added, adjusted..do....	165,803	3,648	(D)	(D)	(D)	4,640	9,372	21,898	32,780	93,465	(D)
	Value of shipments.....do....	258,474	5,440	(D)	(D)	(D)	7,119	10,487	35,891	57,317	142,220	(D)
	Capital expend., new...do....	9,021	(1)	(1)	(1)	(1)	636	2,610	910	1,419	3,280	(D)
3679	Electronic components, nec:											
	Number of establishments.....	1,479	362	186	194	256	194	156	80	31	17	3
	All employees:											
	Number.....	132,242	756	1,225	2,749	8,217	13,836	24,382	27,853	20,528	23,872	8,824
	Payroll.....\$1,000..	564,021	2,875	4,855	11,946	32,437	57,054	99,512	115,898	88,073	109,312	42,059
	Value added, adjusted..do....	914,811	5,910	7,653	20,511	54,731	93,608	158,370	196,959	121,655	173,639	81,775
	Value of shipments.....do....	1,445,684	12,698	14,793	35,771	90,576	151,876	262,798	308,259	195,377	263,256	110,280
	Capital expend., new...do....	50,306	1,114	1,236	2,181	5,778	3,940	7,965	5,881	5,909	10,288	6,014
3691	Storage batteries:											
	Number of establishments.....	276	103	37	30	34	33	25	9	3	2	...
	All employees:											
	Number.....	14,924	217	245	403	1,066	2,355	3,434	7,204	(D)	(D)	...
	Payroll.....\$1,000..	76,961	870	1,059	1,872	4,877	10,861	17,218	40,204	(D)	(D)	...
	Value added, adjusted..do....	150,061	2,159	2,267	3,597	10,631	28,692	42,711	60,004	(D)	(D)	...
	Value of shipments.....do....	368,993	5,385	5,782	8,040	27,185	72,715	105,670	144,216	(D)	(D)	...
	Capital expend., new...do....	7,330	(1)	(1)	(1)	1,253	1,143	1,629	3,019	(D)	(D)	...
3692	Primary batteries, dry and wet:											
	Number of establishments.....	42	6	5	2	2	6	10	7	3	1	...
	All employees:											
	Number.....	8,096	14	26	79	(D)	438	1,573	2,484	3,482	(D)	...
	Payroll.....\$1,000..	34,025	66	96	378	(D)	1,484	6,354	10,056	15,591	(D)	...
	Value added, adjusted..do....	75,431	126	188	854	(D)	3,163	16,543	27,386	27,171	(D)	...
	Value of shipments.....do....	138,215	292	405	1,612	(D)	5,538	29,323	48,647	52,398	(D)	...
	Capital expend., new...do....	2,343	(1)	(1)	(1)	(D)	(1)	(1)	1,366	578	(D)	...
3693	X-ray and therapeutic apparatus:											
	Number of establishments.....	126	63	18	12	17	7	5	2	1	1	...
	All employees:											
	Number.....	5,258	122	127	165	542	489	3,813	(D)	(D)	(D)	...
	Payroll.....\$1,000..	30,686	473	636	765	2,662	2,423	23,727	(D)	(D)	(D)	...
	Value added, adjusted..do....	58,436	1,074	1,448	1,414	4,844	4,731	44,925	(D)	(D)	(D)	...
	Value of shipments.....do....	95,090	2,066	2,176	2,430	8,246	8,283	71,889	(D)	(D)	(D)	...
	Capital expend., new...do....	1,371	(1)	(1)	(1)	(1)	(1)	920	(D)	(D)	(D)	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-57

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3694	Engine electrical equipment: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	166 39,840 201,949 366,626 631,868 9,102	28 57 221 686 1,093 (1)	14 96 405 708 1,788 (1)	26 360 1,348 2,604 5,075 (1)	32 1,102 4,716 9,416 16,311 (1)	15 1,079 4,449 8,159 17,454 (1)	27 4,288 17,482 32,016 67,535 705	13 4,273 18,112 31,652 59,218 839	6 6,652 34,760 62,634 125,093 1,729	1 (D) (D) (D) (D) (D)	4 21,933 120,456 217,751 338,301 5,020
3699	Electrical products, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	259 10,259 39,342 73,581 165,388 1,364	91 183 606 1,508 3,619 (1)	29 203 842 1,616 3,293 (1)	40 577 2,267 2,181 11,354 (1)	54 1,676 6,091 11,274 27,259 (1)	25 1,718 6,197 12,649 24,459 (1)	12 2,060 8,247 17,543 36,647 (1)	5 1,569 6,603 12,294 25,744 (1)	2 2,273 8,489 14,516 33,013 (1)	1 (D) (D) (D) (D) (D)	... ... ... ... ... ...
37	Transportation equipment: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Capital expend., new...do....	6,607 1,557,759 9,164,581 15,283,694 608,273	2,099 4,218 16,017 33,070 5,131	923 6,203 26,355 47,442 4,617	923 12,844 58,184 96,984 5,464	1,001 31,249 150,676 252,571 15,836	528 36,621 180,473 296,977 12,367	450 70,716 358,824 595,315 21,932	225 78,310 419,240 650,658 29,809	156 112,692 631,947 1,063,465 41,712	168 270,175 1,588,252 3,002,779 168,148	134 934,731 5,734,613 9,244,433 303,257
3713	Truck and bus bodies: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	562 20,009 91,374 145,608 307,769 3,627	154 347 1,235 2,380 5,236 (1)	108 751 3,127 4,949 10,975 (1)	113 1,565 6,651 10,659 22,880 (1)	107 3,201 14,539 21,731 48,117 554	40 2,821 14,007 23,363 46,199 501	24 3,714 16,982 26,001 58,474 582	11 4,132 18,333 31,598 61,368 540	5 3,478 16,500 24,927 54,520 715	..................	..................
3715	Truck trailers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	170 15,669 78,142 131,140 334,724 4,638	31 74 258 608 1,410 (1)	20 135 607 979 2,585 (1)	26 381 1,995 2,642 8,410 (1)	30 1,003 4,718 6,577 17,897 (1)	24 1,711 8,660 14,831 35,321 941	22 3,837 18,240 33,272 80,319 692	9 2,924 14,840 24,118 55,744 (1)	8 5,604 28,824 48,113 133,038 2,211	..................	..................
3717	Motor vehicles and parts: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	1,551 541,510 3,148,590 6,473,927 (4) 314,646	411 884 3,375 8,838 (4) 1,263	191 1,288 5,755 12,063 (4) 947	205 2,880 11,879 24,342 (4) 1,373	212 6,723 33,015 61,397 (4) 2,975	121 8,483 39,561 71,989 (4) 2,537	113 18,480 92,629 171,273 (4) 7,351	79 27,715 151,875 253,402 (4) 13,811	62 44,856 249,295 474,751 (4) 18,458	97 163,725 970,397 2,174,533 (4) 140,407	60 266,476 1,590,809 3,221,339 (4) 125,522
3721	Aircraft: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments ^{1,3} ...do.. Capital expend., new...do....	127 377,383 2,340,306 3,399,163 6,438,067 93,752	17 44 243 437 570 (1)	12 80 385 493 742 (1)	16 222 1,157 1,476 2,626 (1)	26 788 4,462 7,353 10,211 (1)	14 951 5,793 8,003 12,430 (1)	7 960 4,955 6,899 10,258 (1)	3 1,013 4,966 7,193 12,457 (1)	4 3,055 15,319 26,567 39,324 1,914	5 7,780 41,923 47,938 112,631 1,851	23 362,490 2,261,103 3,292,804 6,236,818 88,866
3722	Aircraft engines and parts: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	223 159,094 999,237 1,615,671 3,512,073 55,883	8 18 98 236 302 (1)	14 92 493 771 1,385 (1)	26 362 2,262 3,797 5,782 (1)	44 1,354 8,205 14,597 20,449 704	35 2,416 13,863 19,853 36,132 814	29 4,553 25,816 40,778 66,667 1,311	19 6,641 41,362 60,052 116,876 3,718	16 12,627 78,385 124,070 219,617 6,025	16 24,750 152,474 246,433 425,929 6,662	16 106,281 676,289 1,105,079 2,618,934 36,238
3723	Aircraft propellers and parts: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.. Value of shipments.....do.. Capital expend., new...do....	18 15,505 85,635 112,301 235,270 5,107	4 7 16 58 99 (1)	1 49 257 798 978 (D)	3 (D) (D) (D) (D) (D)	1 541 3,058 5,144 7,916 614	2 (D) (D) (D) (D) (D)	3 (D) (D) (D) (D) (D)	1 14,908 82,304 106,301 226,277 4,385	... (D) (D) (D) (D) (D)	2 (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3729	Aircraft equipment, nec:											
	Number of establishments.....	1,201	306	184	203	204	98	88	44	30	25	r19
	All employees:											
	Number.....	213,500	646	1,259	2,774	6,277	6,631	14,261	15,563	20,422	38,279	107,388
	Payroll.....\$1,000..	1,294,872	3,024	6,329	15,391	36,236	40,131	84,956	89,202	120,900	226,872	671,831
	Value added, adjusted..do....	1,797,203	6,968	11,408	27,946	59,638	69,159	125,913	139,656	192,909	272,394	891,222
	Value of shipments.....do....	3,031,089	10,407	17,995	41,735	91,008	109,615	232,593	236,347	302,397	499,537	1,489,455
	Capital expend., new...do....	50,757	929	866	1,302	3,144	2,573	5,045	5,761	4,502	8,508	18,127
3731	Ship building and repairing:											
	Number of establishments.....	319	14	30	53	64	36	52	27	20	12	11
	All employees:											
	Number.....	119,147	31	212	769	2,070	2,496	7,890	8,974	14,855	16,242	65,608
	Payroll.....\$1,000..	669,826	140	1,078	3,732	10,374	13,356	39,633	46,127	81,087	87,782	386,517
	Value added, adjusted..do....	913,687	224	1,644	5,903	16,674	19,100	58,331	64,844	111,345	123,403	512,219
	Value of shipments ¹³ ..do....	1,625,624	410	2,894	9,686	25,367	28,226	101,989	130,657	182,084	185,611	958,700
	Capital expend., new...do....	38,737	(¹)	(¹)	(¹)	560	(¹)	1,336	1,037	5,352	4,429	25,344
3732	Boat building and repairing:											
	Number of establishments.....	1,651	913	280	181	171	59	35	10	2	...	...
	All employees:											
	Number.....	25,110	1,685	1,831	2,468	5,165	4,182	5,257	4,522	(D)	...	...
	Payroll.....\$1,000..	103,603	5,883	6,559	9,824	20,937	17,107	23,586	19,707	(D)	...	...
	Value added, adjusted..do....	157,309	10,349	10,535	10,508	33,771	25,523	39,074	27,549	(D)	...	...
	Value of shipments.....do....	329,009	22,830	20,212	29,074	62,878	56,339	78,179	59,497	(D)	...	...
	Capital expend., new...do....	15,298	2,083	1,749	1,066	5,114	1,592	1,489	2,205	(D)	...	...
3741	Locomotives and parts:											
	Number of establishments.....	25	8	2	2	3	1	2	3	...	1	3
	All employees:											
	Number.....	15,282	64	(D)	(D)	457	(D)	(D)	1,027	...	13,734	(D)
	Payroll.....\$1,000..	90,097	305	(D)	(D)	2,097	(D)	(D)	5,256	...	82,439	(D)
	Value added, adjusted..do....	152,086	888	(D)	(D)	4,146	(D)	(D)	8,630	...	138,422	(D)
	Value of shipments.....do....	407,540	2,164	(D)	(D)	10,067	(D)	(D)	17,617	...	377,692	(D)
	Capital expend., new...do....	5,275	(¹)	(D)	...	(¹)	(D)	(D)	(¹)	...	4,857	(D)
3742	Railroad and street cars:											
	Number of establishments.....	67	12	6	5	4	9	8	8	6	8	1
	All employees:											
	Number.....	24,309	28	43	77	135	676	1,154	3,094	4,080	15,022	(D)
	Payroll.....\$1,000..	132,302	95	208	335	740	3,112	6,149	16,993	23,143	81,527	(D)
	Value added, adjusted..do....	167,576	305	722	683	1,517	5,699	10,510	18,720	32,355	97,065	(D)
	Value of shipments.....do....	562,190	506	1,126	1,426	4,185	15,812	24,858	64,306	122,123	327,848	(D)
	Capital expend., new...do....	8,635	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	1,064	1,358	5,191	(D)
3751	Motorcycles, bicycles and parts:											
	Number of establishments.....	51	15	4	3	10	5	6	4	2	2	...
	All employees:											
	Number.....	7,578	35	28	43	333	350	960	1,506	4,323	(D)	...
	Payroll.....\$1,000..	33,020	124	98	103	1,228	1,241	3,860	5,512	20,854	(D)	...
	Value added, adjusted..do....	52,125	233	168	78	1,952	2,190	7,098	8,708	31,698	(D)	...
	Value of shipments.....do....	121,527	479	643	376	4,087	4,822	21,066	19,272	70,782	(D)	...
	Capital expend., new...do....	2,549	(¹)	(¹)	(D)	(D)	(D)	(¹)	(¹)	1,685	(D)	...
3791	Trailer coaches:											
	Number of establishments.....	386	101	35	41	85	64	52	7	1	...	...
	All employees:											
	Number.....	18,717	188	236	579	2,897	4,350	7,653	2,814	(D)	...	...
	Payroll.....\$1,000..	77,129	713	810	1,997	10,655	16,441	33,198	13,315	(D)	...	...
	Value added, adjusted..do....	127,683	823	1,722	3,172	17,464	24,198	59,321	20,983	(D)	...	...
	Value of shipments.....do....	461,053	3,880	4,336	11,727	57,239	86,899	213,895	83,077	(D)	...	...
	Capital expend., new...do....	6,939	(¹)	(¹)	(¹)	1,422	1,749	2,038	969	(D)	...	...
3799	Transportation equipment, nec:											
	Number of establishments.....	256	105	36	46	40	20	9	...	...	...	...
	All employees:											
	Number.....	4,761	213	227	650	1,193	1,345	1,133	...	...	...	...
	Payroll.....\$1,000..	20,448	722	750	2,543	4,963	5,983	5,487	...	...	...	...
	Value added, adjusted..do....	38,215	1,421	1,398	4,872	9,021	12,362	9,141	...	...	...	...
	Value of shipments.....do....	92,811	3,694	3,613	11,150	23,646	29,572	21,136	...	...	...	...
	Capital expend., new...do....	2,430	(¹)	(¹)	(¹)	603	596	(¹)	...	...	...	...
38	Instruments and related products:											
	Number of establishments.....	3,526	1,297	554	482	514	258	209	103	58	33	18
	All employees:											
	Number.....	296,558	2,685	3,704	6,624	16,390	17,869	32,858	35,952	41,743	47,018	91,715
	Payroll.....\$1,000..	1,578,481	10,083	16,186	29,983	74,924	84,477	156,682	181,123	214,053	244,978	565,992
	Value added, adjusted..do....	2,906,390	32,003	57,028	133,189	159,604	287,625	338,472	414,552	448,855	1,011,428	1,489,455
	Capital expend., new...do....	123,621	1,690	1,537	3,364	4,181	5,449	8,122	11,819	15,488	22,265	49,706

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-59

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3811	Scientific instruments:											
	Number of establishments.....	567	188	89	84	91	40	31	22	12	2	8
	All employees:											
	Number.....	67,456	405	593	1,151	2,838	2,796	4,593	7,860	10,641	(D)	36,579
	Payroll.....\$1,000..	399,165	1,607	2,648	5,613	13,615	15,509	24,317	42,730	55,236	(D)	237,890
	Value added, adjusted..do....	606,530	3,457	4,915	9,359	22,183	26,650	38,139	71,133	88,832	(D)	341,862
	Value of shipments.....do....	1,000,235	6,025	8,456	14,463	35,190	39,877	61,710	113,750	138,808	(D)	581,956
	Capital expend., new...do....	25,593	(1)	(1)	514	850	1,027	1,082	2,876	6,583	(D)	11,915
3821	Mechanical measuring devices:											
	Number of establishments.....	627	206	103	89	91	45	47	25	10	9	2
	All employees:											
	Number.....	50,049	449	699	1,208	3,008	3,126	7,826	8,603	6,838	18,292	(D)
	Payroll.....\$1,000..	258,488	1,655	3,267	5,688	14,199	16,239	39,593	46,003	35,558	96,286	(D)
	Value added, adjusted..do....	457,126	4,125	6,873	10,590	24,688	28,232	75,264	84,629	58,480	164,245	(D)
	Value of shipments.....do....	726,823	6,965	11,270	17,497	40,521	44,127	122,135	137,793	104,505	242,010	(D)
	Capital expend., new...do....	18,215	(1)	(1)	(1)	648	1,484	1,778	2,947	1,168	9,482	(D)
3822	Automatic temperature controls:											
	Number of establishments.....	83	17	13	9	11	7	4	6	8	7	1
	All employees:											
	Number.....	25,513	30	100	107	348	439	548	2,401	5,964	15,576	(D)
	Payroll.....\$1,000..	128,974	140	484	439	1,308	2,106	2,788	10,890	30,171	80,648	(D)
	Value added, adjusted..do....	258,969	290	950	621	2,504	7,083	8,449	22,171	62,337	154,564	(D)
	Value of shipments.....do....	359,430	444	1,720	1,017	4,100	12,262	13,447	30,997	88,573	206,870	(D)
	Capital expend., new...do....	5,989	(1)	(1)	(1)	(1)	(1)	(1)	568	1,551	3,223	(D)
3831	Optical instruments and lenses:											
	Number of establishments.....	224	95	38	33	33	9	12	1	3	...	...
	All employees:											
	Number.....	7,184	201	252	448	892	578	1,913	2,900	(D)	...	...
	Payroll.....\$1,000..	37,586	749	1,111	1,947	4,242	2,741	10,178	16,618	(D)	...	...
	Value added, adjusted..do....	60,387	1,522	2,155	3,389	7,458	4,435	16,547	24,881	(D)	...	...
	Value of shipments.....do....	102,966	2,806	3,557	5,155	11,021	7,556	24,287	48,584	(D)	...	...
	Capital expend., new...do....	3,438	(1)	(1)	(1)	(1)	(1)	757	1,570	(D)	...	...
3841	Surgical and medical instruments:											
	Number of establishments.....	231	82	39	22	47	16	17	6	1	1	...
	All employees:											
	Number.....	10,293	168	257	306	1,514	1,053	2,503	4,492	(D)	(D)	...
	Payroll.....\$1,000..	44,878	589	1,075	1,374	6,620	4,787	12,327	18,106	(D)	(D)	...
	Value added, adjusted..do....	85,153	1,259	2,004	2,343	11,314	8,650	22,235	37,348	(D)	(D)	...
	Value of shipments.....do....	130,477	2,672	3,708	3,690	17,109	12,818	36,750	53,730	(D)	(D)	...
	Capital expend., new...do....	2,812	(1)	(1)	(1)	(1)	(1)	520	1,072	(D)	(D)	...
3842	Surgical appliances and supplies:											
	Number of establishments.....	590	242	111	76	76	38	27	11	6	3	...
	All employees:											
	Number.....	24,179	491	724	1,019	2,415	2,783	4,199	3,434	4,375	4,739	...
	Payroll.....\$1,000..	114,867	1,645	2,842	4,040	10,034	11,426	16,942	14,798	24,140	29,000	...
	Value added, adjusted..do....	257,640	3,731	5,554	8,050	19,201	19,477	37,333	39,433	68,415	56,446	...
	Value of shipments.....do....	461,846	6,435	8,915	13,262	33,436	39,626	72,942	61,756	127,797	97,677	...
	Capital expend., new...do....	9,110	(1)	(1)	966	(1)	700	883	744	2,387	2,597	...
3843	Dental equipment and supplies:											
	Number of establishments.....	249	123	40	31	21	18	12	1	3	...	...
	All employees:											
	Number.....	7,242	234	274	426	680	1,209	2,245	(D)	2,174	...	...
	Payroll.....\$1,000..	34,775	847	1,215	2,103	2,912	6,053	10,759	(D)	10,886	...	...
	Value added, adjusted..do....	71,574	2,576	2,535	3,608	5,979	10,262	18,884	(D)	27,730	...	...
	Value of shipments.....do....	115,667	4,444	5,068	7,038	9,186	20,730	28,102	(D)	41,099	...	...
	Capital expend., new...do....	1,517	(1)	(1)	(1)	(1)	(1)	(1)	(D)	706	...	...
3851	Ophthalmic goods:											
	Number of establishments.....	246	81	30	31	43	32	20	4	2	1	2
	All employees:											
	Number.....	18,223	185	202	450	1,440	2,284	3,129	1,387	9,146	(D)	(D)
	Payroll.....\$1,000..	71,465	712	822	1,772	5,865	8,123	11,693	4,970	37,508	(D)	(D)
	Value added, adjusted..do....	136,696	1,946	1,298	3,564	10,400	12,849	23,113	8,952	74,574	(D)	(D)
	Value of shipments.....do....	194,446	2,955	2,885	5,646	19,615	21,953	31,891	14,488	95,013	(D)	(D)
	Capital expend., new...do....	5,367	(1)	(1)	(1)	(1)	670	606	(1)	3,292	(D)	(D)
3861	Photographic equipment:											
	Number of establishments.....	480	178	68	75	68	31	30	15	7	4	4
	All employees:											
	Number.....	60,262	352	455	1,037	2,186	2,090	4,637	5,044	4,906	39,555	(D)
	Payroll.....\$1,000..	368,970	1,442	2,030	5,061	11,062	10,416	22,816	27,177	26,905	262,061	(D)
	Value added, adjusted..do....	788,759	3,183	4,502	11,898	20,894	26,925	42,479	57,825	48,399	572,654	(D)
	Value of shipments.....do....	1,204,905	6,339	7,941	20,471	40,617	49,973	88,156	100,313	96,437	794,658	(D)
	Capital expend., new...do....	46,770	(1)	(1)	(1)	718	(1)	1,698	2,439	1,479	38,887	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3871	Watches and clocks:											
	Number of establishments.....	168	66	16	21	20	17	7	9	5	6	1
	All employees:											
	Number.....	23,505	130	101	310	632	1,217	1,214	3,527	4,309	12,065	(D)
	Payroll.....\$1,000..	106,739	502	466	1,247	2,869	5,524	4,822	17,911	18,052	55,346	(D)
	Value added, adjusted..do....	165,158	1,220	850	2,462	4,947	12,835	5,660	25,792	37,691	73,701	(D)
	Value of shipments.....do....	334,928	2,635	4,200	5,512	12,619	23,043	13,731	61,443	52,356	159,389	(D)
	Capital expend., new...do....	4,607	(1)	(1)	650	(1)	(1)	(1)	881	(1)	2,199	(D)
3872	Watchcases:											
	Number of establishments.....	61	19	7	11	13	5	2	3	1	...	...
	All employees:											
	Number.....	2,652	40	47	162	437	294	1,672	(D)	(D)	...	...
	Payroll.....\$1,000..	12,574	195	226	699	2,198	1,553	7,703	(D)	(D)	...	...
	Value added, adjusted..do....	18,398	325	367	1,144	3,621	2,206	10,735	(D)	(D)	...	...
	Value of shipments.....do....	34,660	1,052	960	2,165	7,753	4,020	18,710	(D)	(D)	...	...
	Capital expend., new...do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...
39	Miscellaneous manufactures: ²											
	Number of establishments.....	14,273	6,087	2,469	2,111	1,962	814	524	163	74	47	22
	All employees:											
	Number.....	571,434	11,972	16,491	28,912	60,704	55,946	80,508	56,317	48,270	69,451	142,863
	Payroll.....\$1,000..	2,847,330	40,058	60,093	107,982	233,729	217,072	328,981	242,614	231,809	368,338	1,016,654
	Value added, adjusted..do....	4,754,260	101,642	111,800	195,923	408,835	368,200	578,808	418,070	417,430	634,704	1,518,848
	Value of shipments.....do....	183,231	10,640	8,218	9,734	16,387	11,940	20,481	15,279	12,472	22,812	55,268
	Capital expend., new...do....											
3911	Jewelry, precious metal:											
	Number of establishments.....	1,302	705	234	180	108	44	20	5	5	1	...
	All employees:											
	Number.....	21,010	1,403	1,558	2,461	3,326	3,040	2,996	1,593	4,633	(D)	...
	Payroll.....\$1,000..	94,503	5,345	6,968	10,988	15,143	12,942	14,182	5,999	22,936	(D)	...
	Value added, adjusted..do....	165,549	13,945	11,955	18,372	26,503	20,412	25,684	9,338	39,340	(D)	...
	Value of shipments.....do....	325,542	31,164	29,459	41,762	50,272	39,315	59,294	14,702	59,574	(D)	...
	Capital expend., new...do....	3,392	800	(1)	(1)	(1)	(1)	(1)	(1)	1,031	(D)	...
3912	Jewelers' findings and materials:											
	Number of establishments.....	249	111	49	33	35	12	7	1	1	...	...
	All employees:											
	Number.....	5,101	227	306	423	1,065	825	2,255	(D)	(D)	...	...
	Payroll.....\$1,000..	20,669	614	1,019	1,509	4,408	3,548	9,571	(D)	(D)	...	...
	Value added, adjusted..do....	33,434	1,485	1,650	2,734	6,927	5,612	15,026	(D)	(D)	...	...
	Value of shipments.....do....	71,878	3,987	3,036	6,113	13,032	16,130	29,580	(D)	(D)	...	...
	Capital expend., new...do....	715	(1)	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...
3913	Lapidary work:											
	Number of establishments.....	326	239	54	15	12	2	4	...	...	...	...
	All employees:											
	Number.....	1,904	381	357	206	459	(D)	501	...	...	...	...
	Payroll.....\$1,000..	8,061	1,397	1,387	904	2,382	(D)	1,991	...	...	...	...
	Value added, adjusted..do....	14,605	4,443	2,032	1,350	4,037	(D)	2,743	...	...	...	...
	Value of shipments.....do....	40,428	13,396	7,459	5,244	9,851	(D)	4,478	...	...	...	...
	Capital expend., new...do....	(1)	(1)	(1)	(1)	(1)	(D)	(1)	...	...	...	...
3914	Silverware and plated ware:											
	Number of establishments.....	209	68	25	29	45	15	17	3	5	2	...
	All employees:											
	Number.....	13,852	147	173	419	1,440	1,078	2,552	1,084	6,959	(D)	...
	Payroll.....\$1,000..	62,318	513	654	1,869	6,015	4,509	10,552	5,286	32,920	(D)	...
	Value added, adjusted..do....	109,728	1,186	1,232	2,821	8,598	7,489	18,816	11,114	58,472	(D)	...
	Value of shipments.....do....	196,055	2,134	2,198	6,372	18,083	11,743	32,128	21,152	102,245	(D)	...
	Capital expend., new...do....	2,478	(1)	(1)	(D)	(1)	(1)	(1)	(1)	1,510	(D)	...
3931	Musical instruments and parts:											
	Number of establishments.....	274	84	42	31	46	26	27	13	3	2	...
	All employees:											
	Number.....	17,450	182	279	440	1,401	1,822	4,116	4,319	4,891	(D)	...
	Payroll.....\$1,000..	81,657	599	1,147	1,933	5,794	8,015	20,220	19,612	24,337	(D)	...
	Value added, adjusted..do....	131,703	1,429	1,719	5,722	9,647	13,254	35,214	33,373	31,345	(D)	...
	Value of shipments.....do....	258,988	3,088	3,499	10,479	15,380	25,162	80,508	58,250	62,622	(D)	...
	Capital expend., new...do....	4,664	(1)	(1)	(1)	1,036	1,101	535	643	1,147	(D)	...
3941	Games and toys, nec:											
	Number of establishments.....	854	259	102	126	169	94	69	25	7	3	...
	All employees:											
	Number.....	42,972	461	667	1,709	5,443	6,577	10,544	8,699	4,892	3,980	...
	Payroll.....\$1,000..	149,725	1,209	2,079	5,316	17,652	21,097	34,507	31,967	19,831	16,067	...
	Value added, adjusted..do....	288,863	3,944	4,492	11,164	36,332	40,302	63,431	62,721	37,044	29,433	...
	Value of shipments.....do....	544,056	7,909	8,379	21,682	71,950	82,915	127,746	111,118	67,521	44,836	...
	Capital expend., new...do....	16,513	1,596	1,122	936	2,118	2,034	2,351	4,184	875	1,297	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-61

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3942	Dolls:											
	Number of establishments.....	485	129	103	91	88	46	20	8	...	...	...
	All employees:											
	Number.....	13,860	283	686	1,298	2,786	3,133	3,065	2,609	...	...	...
	Payroll.....\$1,000..	43,984	600	1,630	3,589	8,365	10,021	10,645	9,134	...	...	...
	Value added, adjusted..do....	77,149	1,413	3,481	7,104	15,043	17,425	16,905	15,778	...	...	...
	Value of shipments.....do....	161,924	2,781	7,582	13,321	33,249	39,064	37,975	27,952	...	...	...
	Capital expend., new...do....	5,469	(1)	693	(1)	(1)	3,766	(D)	(1)	...	...	...
3943	Children's vehicles:											
	Number of establishments.....	58	14	5	6	9	8	11	4	1	...	...
	All employees:											
	Number.....	4,708	27	32	86	277	509	1,880	1,897	(D)	...	...
	Payroll.....\$1,000..	19,625	74	76	292	868	2,011	8,064	8,240	(D)	...	...
	Value added, adjusted..do....	31,727	86	70	474	1,251	3,252	13,640	12,954	(D)	...	...
	Value of shipments.....do....	70,438	535	184	1,173	2,561	6,786	32,335	26,864	(D)	...	...
	Capital expend., new...do....	831	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
3949	Sporting and athletic goods, nec:											
	Number of establishments.....	1,210	578	168	162	163	71	45	13	6	3	1
	All employees:											
	Number.....	37,164	1,074	1,111	2,247	5,053	4,918	7,213	4,534	3,584	7,430	(D)
	Payroll.....\$1,000..	148,477	3,103	3,907	7,137	16,926	18,185	26,688	20,328	14,716	37,487	(D)
	Value added, adjusted..do....	314,059	7,034	7,275	13,688	31,874	34,851	65,327	36,334	21,313	96,363	(D)
	Value of shipments.....do....	577,815	15,570	15,687	26,673	66,344	70,547	109,983	86,139	39,769	147,103	(D)
	Capital expend., new...do....	10,306	722	654	1,263	1,036	840	1,482	1,591	(1)	2,378	(D)
3951	Pens and mechanical pencils:											
	Number of establishments.....	147	38	19	24	20	23	15	4	1	3	...
	All employees:											
	Number.....	11,179	63	124	320	622	1,583	2,179	2,118	(D)	4,170	...
	Payroll.....\$1,000..	45,856	217	398	1,070	2,028	4,966	7,223	10,529	(D)	19,425	...
	Value added, adjusted..do....	90,197	545	1,359	2,462	3,558	9,810	12,031	18,868	(D)	41,564	...
	Value of shipments.....do....	150,279	1,465	4,730	5,224	7,603	21,742	25,702	30,742	(D)	53,527	...
	Capital expend., new...do....	3,829	(1)	(1)	(1)	(1)	649	511	763	(D)	1,634	...
3952	Lead pencils and art goods:											
	Number of establishments.....	146	57	19	16	23	12	12	6	1	...	...
	All employees:											
	Number.....	6,687	118	126	218	715	911	1,742	2,857	(D)	...	...
	Payroll.....\$1,000..	26,183	420	460	694	3,093	3,276	6,300	11,940	(D)	...	...
	Value added, adjusted..do....	47,909	964	814	1,477	6,276	7,557	11,401	19,420	(D)	...	...
	Value of shipments.....do....	98,494	1,899	2,058	3,057	12,458	14,688	25,875	38,459	(D)	...	...
	Capital expend., new...do....	2,049	(1)	(1)	(1)	(1)	(1)	(1)	1,145	(D)	...	...
3953	Marking devices:											
	Number of establishments.....	525	274	105	76	53	12	4	1	...	...	...
	All employees:											
	Number.....	5,447	562	708	985	1,548	790	854	(D)	...	...	...
	Payroll.....\$1,000..	24,775	2,063	2,982	4,463	7,375	3,776	4,116	(D)	...	...	...
	Value added, adjusted..do....	39,940	5,074	5,441	7,328	11,371	5,417	5,309	(D)	...	...	...
	Value of shipments.....do....	59,923	7,398	7,995	10,380	17,570	8,674	7,906	(D)	...	...	...
	Capital expend., new...do....	1,360	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...
3955	Carbon paper and inked ribbons:											
	Number of establishments.....	103	25	10	7	33	12	11	4	1	...	...
	All employees:											
	Number.....	5,818	52	58	90	981	949	1,891	1,797	(D)	...	...
	Payroll.....\$1,000..	27,614	212	259	313	4,704	4,484	8,815	8,827	(D)	...	...
	Value added, adjusted..do....	58,951	669	541	576	8,617	10,355	18,902	19,291	(D)	...	...
	Value of shipments.....do....	126,013	1,413	1,586	1,493	20,300	20,807	40,783	39,631	(D)	...	...
	Capital expend., new...do....	2,654	(1)	(1)	(1)	(1)	(1)	(1)	1,515	(D)	...	...
3961	Costume jewelry:											
	Number of establishments.....	1,051	411	213	172	153	54	35	9	2	2	...
	All employees:											
	Number.....	25,286	790	1,420	2,339	4,909	3,797	4,942	3,642	3,447	(D)	...
	Payroll.....\$1,000..	83,201	2,187	3,608	7,022	15,230	12,448	16,513	12,673	13,520	(D)	...
	Value added, adjusted..do....	138,043	5,976	7,759	12,532	25,531	20,518	26,166	18,278	21,283	(D)	...
	Value of shipments.....do....	253,809	10,312	14,474	26,420	50,143	38,638	49,098	31,287	33,437	(D)	...
	Capital expend., new...do....	5,788	1,858	1,218	(1)	827	(1)	(1)	(1)	(1)	(D)	...
3962	Artificial flowers:											
	Number of establishments.....	431	160	84	86	76	19	5	1	...	...	...
	All employees:											
	Number.....	6,770	322	569	1,175	2,322	1,278	1,104	(D)	...	...	...
	Payroll.....\$1,000..	19,021	703	1,589	3,177	6,802	3,714	3,036	(D)	...	...	...
	Value added, adjusted..do....	34,650	1,870	2,665	5,960	12,274	6,666	5,215	(D)	...	...	...
	Value of shipments.....do....	64,969	3,493	5,855	10,198	23,164	12,170	10,089	(D)	...	...	...
	Capital expend., new...do....	886	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3963	Buttons:											
	Number of establishments.....	356	149	73	47	55	20	11	1	...	...	...
	All employees:											
	Number.....	6,462	315	478	654	1,718	1,359	1,938	(D)	...	...	...
	Payroll.....\$1,000..	21,526	850	1,336	1,840	5,326	4,542	7,632	(D)	...	...	...
	Value added, adjusted..do....	37,967	1,948	2,449	2,853	8,497	9,151	13,069	(D)	...	...	...
	Value of shipments.....do....	68,609	3,440	3,987	5,047	16,773	16,149	23,213	(D)	...	...	...
	Capital expend., new...do....	1,414	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(D)	...	...	...
3964	Needles, pins, and fasteners:											
	Number of establishments.....	367	101	56	82	67	24	25	4	6	2	...
	All employees:											
	Number.....	17,756	224	388	1,141	2,131	1,734	3,895	1,548	6,695	(D)	...
	Payroll.....\$1,000..	69,873	756	1,182	3,571	7,534	6,880	15,299	5,411	29,240	(D)	...
	Value added, adjusted..do....	127,664	1,557	2,227	6,290	17,518	11,570	32,083	8,843	47,576	(D)	...
	Value of shipments.....do....	220,517	4,336	4,871	14,495	35,672	21,886	55,469	13,802	69,986	(D)	...
	Capital expend., new...do....	4,276	(¹)	(¹)	710	(¹)	(¹)	1,178	(¹)	1,300	(D)	...
3981	Brooms and brushes:											
	Number of establishments.....	723	334	123	87	96	52	21	8	1	1	...
	All employees:											
	Number.....	17,082	644	813	1,189	2,996	3,524	3,316	4,600	(D)	(D)	...
	Payroll.....\$1,000..	64,573	1,639	2,400	3,728	10,565	12,586	13,147	20,508	(D)	(D)	...
	Value added, adjusted..do....	137,496	4,066	4,063	6,217	20,572	21,227	24,918	56,433	(D)	(D)	...
	Value of shipments.....do....	275,722	8,999	9,630	13,708	40,080	44,079	51,077	108,149	(D)	(D)	...
	Capital expend., new...do....	3,981	(¹)	(¹)	(¹)	525	(¹)	609	1,607	(D)	(D)	...
3982	Hard surface floor coverings:											
	Number of establishments.....	14	...	...	...	1	...	3	5	4	...	1
	All employees:											
	Number.....	7,999	...	...	...	2,270	...	(D)	(D)	5,729	...	(D)
	Payroll.....\$1,000..	41,924	...	...	...	11,291	...	(D)	(D)	30,633	...	(D)
	Value added, adjusted..do....	93,145	...	...	...	19,843	...	(D)	(D)	73,302	...	(D)
	Value of shipments.....do....	181,584	...	...	...	42,737	...	(D)	(D)	138,847	...	(D)
	Capital expend., new...do....	5,185	...	...	...	1,397	...	(D)	(D)	3,788	...	(D)
3983	Matches:											
	Number of establishments.....	23	1	1	1	2	4	5	6	3	...	...
	All employees:											
	Number.....	5,127	99	(D)	(D)	(D)	326	722	2,149	1,831	...	...
	Payroll.....\$1,000..	21,097	410	(D)	(D)	(D)	1,360	2,492	8,999	7,836	...	...
	Value added, adjusted..do....	41,776	681	(D)	(D)	(D)	2,923	7,004	18,153	15,015	...	...
	Value of shipments.....do....	67,018	1,351	(D)	(D)	(D)	5,145	11,680	28,714	20,128	...	...
	Capital expend., new...do....	942	(¹)	(D)	...	(D)	(¹)	527	(¹)	(¹)	...	...
3984	Candles:											
	Number of establishments.....	86	29	14	18	12	7	4	2	...	...	...
	All employees:											
	Number.....	2,516	51	351	(D)	365	530	1,219	(D)	...	...	...
	Payroll.....\$1,000..	9,268	117	1,112	(D)	1,256	2,186	4,597	(D)	...	...	...
	Value added, adjusted..do....	17,668	390	2,095	(D)	2,334	4,031	8,818	(D)	...	...	...
	Value of shipments.....do....	33,802	743	4,420	(D)	4,635	7,978	16,026	(D)	...	...	...
	Capital expend., new...do....	(¹)	(¹)	(¹)	(D)	(¹)	(¹)	(¹)	(D)	...	...	...
3987	Lamp shades:											
	Number of establishments.....	270	129	45	46	34	11	4	1	...	...	...
	All employees:											
	Number.....	3,895	244	287	633	1,110	1,621	(D)	(D)	...	...	...
	Payroll.....\$1,000..	11,401	646	711	1,815	3,418	4,811	(D)	(D)	...	...	...
	Value added, adjusted..do....	18,577	1,435	1,395	3,059	5,147	7,541	(D)	(D)	...	...	...
	Value of shipments.....do....	34,066	2,702	2,514	6,078	9,993	12,779	(D)	(D)	...	...	...
	Capital expend., new...do....	1,237	(¹)	(¹)	(¹)	(¹)	(¹)	(D)	(D)	...	...	...
3988	Morticians' goods:											
	Number of establishments.....	592	134	103	136	138	51	22	6	2	...	...
	All employees:											
	Number.....	17,362	293	695	1,945	4,383	3,305	3,734	3,007	(D)	...	...
	Payroll.....\$1,000..	73,736	873	2,196	7,578	18,351	12,458	16,579	15,701	(D)	...	...
	Value added, adjusted..do....	128,879	1,950	4,399	14,175	29,590	19,845	27,645	31,275	(D)	...	...
	Value of shipments.....do....	237,773	4,488	9,687	29,896	62,635	38,205	44,878	47,984	(D)	...	...
	Capital expend., new...do....	5,754	(¹)	(¹)	1,034	2,012	(¹)	526	1,465	(D)	...	...
3992	Furs, dressed and dyed:											
	Number of establishments.....	137	68	26	12	17	6	8	...	...	...	...
	All employees:											
	Number.....	2,696	138	175	160	553	449	1,221	...	...	...	...
	Payroll.....\$1,000..	16,231	633	954	776	2,424	2,982	8,462	...	...	...	...
	Value added, adjusted..do....	24,112	1,509	1,925	1,228	4,699	3,764	10,987	...	...	...	...
	Value of shipments.....do....	29,152	2,244	2,765	1,953	6,015	4,145	12,030	...	...	...	...
	Capital expend., new...do....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	...	...	...	...

See footnotes at end of table.

SIZE OF ESTABLISHMENTS

2-63

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
3993	Signs and advertising displays:											
	Number of establishments.....	2,725	1,327	532	406	302	105	48	5	...	...	...
	All employees:											
	Number.....	36,170	2,715	3,607	5,532	8,889	6,893	7,007	1,527	...	...	...
	Payroll.....\$1,000..	173,028	10,607	16,319	26,916	44,144	33,405	33,579	8,058	...	...	...
	Value added, adjusted..do....	281,168	24,044	28,134	44,511	70,105	51,219	48,560	14,595	...	...	...
	Value of shipments.....do....	457,025	41,601	45,292	68,513	109,547	85,343	83,775	22,954	...	...	...
	Capital expend., new...do....	13,505	2,643	1,841	1,984	3,432	1,821	1,432	(1)	...	...	...
3995	Umbrellas, parasols, and canes:											
	Number of establishments.....	123	42	19	19	29	9	5	...	...	...	...
	All employees:											
	Number.....	2,932	83	127	289	829	624	980	...	...	...	...
	Payroll.....\$1,000..	10,129	210	344	928	3,025	2,084	3,538	...	...	...	...
	Value added, adjusted..do....	16,602	507	586	1,730	5,716	3,165	4,898	...	...	...	...
	Value of shipments.....do....	35,161	1,144	1,586	3,450	12,211	6,947	9,823	...	...	...	...
	Capital expend., new...do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...	...
3999	Miscellaneous products, nec:											
	Number of establishments.....	1,259	581	227	187	151	61	34	12	4	2	...
	All employees:											
	Number.....	27,285	1,085	1,518	2,463	4,565	4,185	5,085	3,882	4,502	(D)	...
	Payroll.....\$1,000..	109,053	4,093	5,471	8,520	17,103	17,483	21,337	15,435	19,611	(D)	...
	Value added, adjusted..do....	192,313	13,433	12,580	18,328	29,375	24,804	33,546	27,108	33,139	(D)	...
	Value of shipments.....do....	358,076	18,062	22,792	34,291	55,447	55,839	68,201	46,246	57,198	(D)	...
	Capital expend., new...do....	7,317	1,060	1,080	829	1,231	1,208	1,003	(1)	(1)	(D)	...
1911	Guns, howitzers, and mortars:											
	Number of establishments.....	5	...	1	...	3	...	1	...	...	...	...
	All employees:											
	Number.....	251	...	251	...	(D)	...	(D)	...	...	...	...
	Payroll.....\$1,000..	1,970	...	1,970	...	(D)	...	(D)	...	...	...	...
	Value added, adjusted..do....	2,942	...	2,942	...	(D)	...	(D)	...	...	...	...
	Value of shipments.....do....	6,892	...	6,892	...	(D)	...	(D)	...	...	...	...
	Capital expend., new...do....	(D)	...	(D)	...	(D)	...	(D)	...	...	...	...
1921	Artillery ammunition:											
	Number of establishments.....	25	2	3	3	1	5	5	5	...	1	...
	All employees:											
	Number.....	4,028	22	(D)	88	(D)	348	697	2,872	...	(D)	...
	Payroll.....\$1,000..	20,358	148	(D)	455	(D)	1,582	3,484	14,689	...	(D)	...
	Value added, adjusted..do....	26,811	132	(D)	1,062	(D)	3,168	6,015	16,434	...	(D)	...
	Value of shipments.....do....	58,587	357	(D)	1,856	(D)	10,160	9,006	37,208	...	(D)	...
	Capital expend., new...do....	836	(D)	(D)	(D)	(D)	828	(D)	(D)	...	(D)	...
1922	Ammunition loading:											
	Number of establishments.....	6	2	...	...	1	...	1	1	1	...	...
	All employees:											
	Number.....	1,189	1,189	...	...	(D)	...	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	6,624	6,624	...	...	(D)	...	(D)	(D)	(D)	...	...
	Value added, adjusted..do....	8,985	8,985	...	...	(D)	...	(D)	(D)	(D)	...	...
	Value of shipments.....do....	9,042	9,042	...	...	(D)	...	(D)	(D)	(D)	...	...
	Capital expend., new...do....	(D)	(D)	...	...	(D)	...	(D)	(D)	(D)	...	...
1925	Guided missiles complete:											
	Number of establishments.....	26	...	...	...	...	...	1	1	3	7	14
	All employees:											
	Number.....	108,431	...	...	...	...	...	2,316	(D)	(D)	10,327	95,788
	Payroll.....\$1,000..	788,414	...	...	...	...	...	15,359	(D)	(D)	58,343	714,712
	Value added, adjusted..do....	1,153,021	...	...	...	...	...	22,031	(D)	(D)	84,647	1,046,343
	Value of shipments ¹³ ...do....	2,206,710	...	...	...	...	...	30,838	(D)	(D)	158,125	2,017,747
	Capital expend., new...do....	46,137	...	...	...	...	...	2,530	(D)	(D)	2,196	41,411
1929	Ammunition:											
	Number of establishments.....	19	...	1	2	1	1	9	2	1	2	...
	All employees:											
	Number.....	6,114	...	6,114	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	32,086	...	32,086	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted..do....	51,231	...	51,231	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do....	70,816	...	70,816	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Capital expend., new...do....	5,351	...	5,351	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
1931	Tanks and tank components:											
	Number of establishments.....	17	4	...	3	2	1	1	1	2	2	1
	All employees:											
	Number.....	7,069	5	...	40	131	(D)	1,936	(D)	(D)	4,957	(D)
	Payroll.....\$1,000..	39,861	11	...	237	582	(D)	10,386	(D)	(D)	28,645	(D)
	Value added, adjusted..do....	63,711	22	...	514	742	(D)	10,038	(D)	(D)	52,395	(D)
	Value of shipments.....do....	212,372	35	...	772	1,330	(D)	21,056	(D)	(D)	189,179	(D)
	Capital expend., new...do....	1,524	(1)	...	(D)	(D)	(D)	(1)	...	(D)	1,379	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Selected Statistics for Manufacturing Establishments, Classified by Establishment Employment Size, for Industry Groups and Industries: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
1941	Sighting and fire-control equipment:											
	Number of establishments.....	25	3	2	...	...	...	3	3	4	6	4
	All employees:											
	Number.....	45,506	15	(D)	...	...	...	467	1,224	3,674	8,832	31,294
	Payroll.....\$1,000..	304,273	67	(D)	...	...	...	3,290	7,115	22,685	60,966	210,150
	Value added, adjusted..do....	457,757	109	(D)	...	...	...	4,686	6,618	29,746	106,911	309,687
	Value of shipments.....do....	845,851	265	(D)	...	...	...	6,264	11,486	46,197	183,960	597,679
	Capital expend., new...do....	6,358	(1)	(D)	...	...	...	(1)	(1)	666	1,452	3,837
1951	Small arms, 30mm and under:											
	Number of establishments.....	34	5	3	3	9	2	5	1	4	2	...
	All employees:											
	Number.....	8,010	7	16	35	495	(D)	1,295	(D)	6,162	(D)	...
	Payroll.....\$1,000..	39,213	18	55	152	2,549	(D)	5,437	(D)	31,002	(D)	...
	Value added, adjusted..do....	51,005	34	72	254	4,528	(D)	7,337	(D)	38,780	(D)	...
	Value of shipments.....do....	79,107	65	101	369	7,136	(D)	12,250	(D)	59,186	(D)	...
	Capital expend., new...do....	2,128	(1)	(D)	(D)	(1)	(D)	(1)	(D)	1,858	(D)	...
1961	Small arms ammunition:											
	Number of establishments.....	24	10	1	1	3	...	1	1	4	3	...
	All employees:											
	Number.....	9,049	16	599	(D)	(D)	...	(D)	(D)	8,434	(D)	...
	Payroll.....\$1,000..	44,215	91	2,852	(D)	(D)	...	(D)	(D)	41,272	(D)	...
	Value added, adjusted..do....	82,733	108	7,522	(D)	(D)	...	(D)	(D)	75,103	(D)	...
	Value of shipments.....do....	167,446	261	15,623	(D)	(D)	...	(D)	(D)	151,562	(D)	...
	Capital expend., new...do....	4,166	(1)	(1)	(D)	(D)	...	(D)	(D)	4,016	(D)	...
1999	Ordnance and accessories, nec:											
	Number of establishments.....	47	14	7	4	5	5	5	1	2	3	1
	All employees:											
	Number.....	15,297	27	55	59	149	357	839	13,811	(D)	(D)	(D)
	Payroll.....\$1,000..	92,808	148	304	329	756	2,455	4,879	83,937	(D)	(D)	(D)
	Value added, adjusted..do....	162,190	306	446	508	1,356	3,643	6,385	149,546	(D)	(D)	(D)
	Value of shipments.....do....	564,479	529	737	633	2,680	6,719	13,524	539,657	(D)	(D)	(D)
	Capital expend., new...do....	10,756	19	82	46	40	248	616	9,705	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

¹Less than \$500 thousand.

²Includes data for privately owned and/or operated establishments classified in Major Group 19, "Ordnance and Accessories." Government-owned and operated establishments are excluded.

³Includes small establishments reporting on "short forms," some of which did not describe the method of distribution adequately. A review of the forms indicated that the great majority were wholesale bakeries. This group comprised 2,004 establishments with 18,884 employees and \$119,800 thousand adjusted value added.

⁴Value of shipments (or production) is omitted for this industry because it contains extensive duplication (see text for detailed explanation).

⁵Approximately 17 small plants (chiefly producers and blenders of olive oil) were classified in Industry 2092 rather than 2096. Of these, 8 were size class 1-4 employees; 6 size class 5-9 employees; and 3 size class 10-19 employees.

⁶Separate data are not shown for jobbers and contractors to avoid disclosing figures for individual companies.

⁷It has been determined that 44 very small establishments accounting in the aggregate for \$4,295,000 product shipments have been misclassified as to industry and properly should have been assigned to Industry 2643, Bags, except Textile Bags (formerly Industry 2661). This affects the total establishment count, but has no appreciable effect on other statistics for this industry. Because these establishments are primarily in the employment size classes 1-4 and 5-9, the data for those classes have been omitted but are included in the industry totals.

⁸Separate data are not available for size classes 1-4, 5-9, and 10-19 in Industry 2761. For this group it has been determined that 339 establishments were included by misclassification in the Manifold Business Forms Manufacturing Industry but should have been classified in Industry 2752, Commercial Printing: Lithographic. The misclassification of these establishments results in an overstatement in Industry 2761 and understatement in Industry 2752 of the number of establishments by 339 and the value of shipments by \$21,503 thousand.

⁹For explanation of inclusion of data for Government-owned, privately operated establishments, refer to footnotes 5 and 6, table 3 of the industry chapter, Volume I, Part II.

¹⁰Capital expenditures of Government-owned, privately operated establishments are excluded from the total for the industry.

¹¹As a result of the 1957 revision in the Standard Industrial Classification for this industry (see text), 1,063 establishments in the smaller size classes accounting for \$79,260 thousand of concrete products, not specified by kind, (including an undetermined amount of concrete block and brick), have been included in Industry 3272, Concrete Products, Except Block and Brick. This does affect the total establishment count and the number of establishments in the smaller size classes for each industry but has considerably less effect on other statistics. Not all of the 1,063 establishments reporting concrete products, not specified by kind, were affected as to industry classification.

¹²See footnote 1, table 3 of the industry chapter, Volume I, Part II for definition of fully integrated, partially integrated and nonintegrated works.

¹³Represents value of work done.

¹⁴The adjusted value added figure does not take into account the change in inventory between the beginning and end of each year, since the figures reported by establishments in this industry are value of work done rather than value of shipments. It does include value added by resales.

TYPE OF ORGANIZATION

3-1

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Statistics for Operating Manufacturing Establishments by Type of Operation and Legal Form of Organization: 1958, 1954, and 1947

(For explanation of line captions see Introduction)

Item and year ¹	All establishments	Type of operation ²						Legal form of organization ²				
		Multiunit companies			Single unit companies			Corporate	Noncorporate			
		Total	Corpo- rate owner- ship or control	Noncorpo- rate owner- ship	Total	Corpo- rate	Noncorpo- rate owner- ship		Total	Individ- ual	Partnership	Other ³
Number of establishments:												
1958.....	298,182	41,871	39,048	2,823	256,311	123,701	132,610	162,749	135,433	91,276	41,958	2,199
1954.....	286,814	31,769	29,820	1,949	255,045	118,641	136,404	148,461	138,353	88,224	47,885	2,244
1947.....	240,807	35,202	29,557	5,645	205,605	88,545	117,060	118,102	122,705	69,498	50,771	2,436
Total employment (1,000):												
1958.....	15,394	10,077	9,976	100	5,317	4,252	1,065	14,229	1,165	542	543	77
1954.....	15,645	9,480	9,387	93	6,165	4,886	1,279	14,273	1,372	593	703	76
1947.....	14,294	8,007	7,830	177	6,287	5,026	1,261	12,856	1,438	586	757	95
Payroll (\$1,000,000):												
1958.....	73,750	51,862	51,484	378	21,888	18,478	3,409	69,963	3,787	1,637	1,836	314
1954.....	62,963	40,623	40,309	314	22,340	18,742	3,598	59,051	3,912	1,527	2,108	277
1947.....	39,696	22,788	22,400	388	16,908	14,180	2,727	36,580	3,115	1,184	1,687	244
Production workers (1,000):												
1958.....	11,644	7,451	7,374	77	4,193	3,301	892	10,676	969	461	452	55
1954.....	12,372	7,402	7,327	75	4,970	3,879	1,091	11,206	1,166	507	602	57
1947.....	11,918	6,686	6,535	151	5,232	4,114	1,118	10,649	1,269	522	673	74
Production workers wages (\$1,000,000):												
1958.....	49,504	34,402	34,136	266	15,102	12,352	2,750	46,488	3,016	1,349	1,458	210
1954.....	44,591	28,987	28,758	229	15,604	12,722	2,882	41,480	3,111	1,237	1,684	190
1947.....	30,244	17,787	17,493	294	12,457	10,144	2,313	27,637	2,607	1,001	1,432	174
Value added by manufacture (\$1,000,000):												
1958.....	141,270	103,417	102,586	831	37,853	31,169	6,684	133,755	7,515	3,115	3,663	738
1954.....	117,032	79,604	78,977	627	37,428	30,692	6,736	109,669	7,363	2,735	4,054	574
1947.....	74,290	43,947	43,208	739	30,343	25,086	5,257	68,294	5,996	2,162	3,347	487
Capital expenditures, new (\$1,000,000):												
1958.....	9,076	7,070	7,010	60	2,006	1,461	545	8,471	604	317	223	65
1954.....	7,817	6,101	6,051	50	1,716	1,317	399	7,368	449	176	216	57
1947.....	5,998	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

¹The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed Concrete, and establishments classified in Industry 3599, Machine Shops, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the 1954 and 1947 figures. The 1958 and 1954 figures include data for establishments engaged in the processing and distribution of fluid milk, Industry Group 202, Dairy Products. These establishments were not included in the 1947 figures. In addition, the 1958 and 1954 Census figures include data for Logging Camps and Contractors, Industry 2411, which were not included within the scope of the 1947 Census.

²All data are based on reports for individual manufacturing establishments, and not on a company basis. Each establishment of multiestablishment companies is classified by its primary industrial activity. For this reason the statistics presented in this table cannot be compared directly with tabulations in which the whole corporation or company is the reporting unit and the entire company is classified in one industry, for example, "Statistics of Income, Corporation Income Tax Returns" compiled by the Bureau of Internal Revenue, U. S. Treasury Department. Establishments were classified as part of a multiunit company when the company operated two or more establishments, of which at least one was a manufacturing establishment.

³Includes cooperatives, establishments operated by estate administrators, trusteeships, receiverships, and public and quasi-public organizations.

TYPE OF ORGANIZATION

3-3

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
	All industries:												
	Establishments:												
	Total.....number..	298,182	41,871	39,048	2,823	256,311	123,701	132,610	162,749	135,433	91,276	41,958	2,199
	With 20 or more emp....do...	95,061	32,153	31,014	1,139	62,908	50,862	12,046	81,876	13,185	5,154	7,282	749
	All employees:												
	Number.....1,000..	15,394	10,077	9,976	100	5,317	4,252	1,065	14,229	1,165	542	543	77
	Payroll.....\$1,000,000..	73,750	51,862	51,484	378	21,888	18,478	3,409	69,963	3,787	1,637	1,836	314
	Production workers:												
	Number.....1,000..	11,644	7,451	7,374	77	4,193	3,301	892	10,676	969	461	452	55
	Man-hours.....1,000,000..	22,633	14,645	14,494	151	7,987	6,393	1,595	20,887	1,746	796	837	112
	Wages.....\$1,000,000..	49,504	34,402	34,136	266	15,102	12,352	2,750	46,488	3,016	1,349	1,458	210
	Value added, adjusted....do...	141,270	103,417	102,586	831	37,853	31,169	6,684	133,755	7,515	3,115	3,663	738
	Capital expend., new....do...	9,076	7,070	7,010	60	2,006	1,461	545	8,471	604	317	223	65
20	Food and kindred products:												
	Establishments:												
	Total.....number..	41,619	8,962	7,788	1,174	32,657	13,715	18,942	21,503	20,116	11,832	6,645	1,639
	With 20 or more emp....do...	14,760	6,359	5,847	512	8,401	6,287	2,114	12,134	2,626	836	1,226	564
	All employees:												
	Number.....1,000..	1,698,814	1,025,664	981,868	43,796	673,150	492,763	180,387	1,474,631	224,183	82,760	88,107	53,316
	Payroll.....\$1,000..	7,553,284	4,919,739	4,751,121	168,618	2,633,545	2,062,999	570,546	6,814,120	739,164	240,232	287,639	211,293
	Production workers:												
	Number.....1,000..	1,137,621	686,835	656,267	30,568	450,786	320,347	130,439	976,614	161,007	61,703	61,661	37,643
	Man-hours.....1,000,000..	2,282,823	1,402,152	1,340,452	61,700	880,671	638,023	242,648	1,978,475	304,348	110,356	116,986	77,006
	Wages.....\$1,000..	4,502,056	2,989,690	2,880,041	109,649	1,512,366	1,130,148	382,218	4,010,189	491,867	168,850	185,120	137,897
	Value added, adjusted....do...	17,532,558	12,109,123	11,702,085	407,038	5,423,063	4,101,646	1,321,417	15,803,731	1,728,455	545,616	651,295	531,544
	Capital expend., new....do...	964,624	597,900	568,169	29,731	366,726	249,016	117,710	817,185	147,441	54,122	47,788	45,531
2011	Meat packing plants:												
	Establishments:												
	Total.....number..	2,801	338	271	67	2,463	913	1,550	1,184	1,617	1,027	575	15
	With 20 or more emp....do...	977	252	238	14	725	569	156	807	170	50	119	1
	All employees:												
	Number.....1,000..	200,783	136,010	134,610	1,400	64,773	52,956	11,817	187,566	13,217	5,674	7,271	272
	Payroll.....\$1,000..	1,067,896	761,950	756,572	5,378	305,946	263,408	42,538	1,019,980	47,916	18,884	27,878	1,154
	Value added, adjusted....do...	1,746,603	1,141,219	1,128,509	12,710	605,384	470,101	135,283	1,598,610	147,993	66,238	79,148	2,607
	Value of shipments.....do...	11,962,273	7,619,385	7,539,362	80,023	4,355,388	3,663,429	691,959	11,202,791	771,982	270,588	491,775	9,619
2013	Prepared meats:												
	Establishments:												
	Total.....number..	1,494	169	150	19	1,325	652	673	802	692	430	257	5
	With 20 or more emp....do...	496	129	124	5	367	312	55	436	60	18	41	1
	All employees:												
	Number.....1,000..	48,586	18,817	18,533	284	29,769	24,430	5,339	42,963	5,623	(D)	3,077	(D)
	Payroll.....\$1,000..	236,915	96,727	95,223	1,504	140,188	120,053	20,135	215,276	21,639	(D)	12,019	(D)
	Value added, adjusted....do...	442,058	178,041	172,409	5,632	264,017	214,218	49,799	386,627	55,431	(D)	30,831	(D)
	Value of shipments.....do...	2,066,257	864,887	841,479	23,408	1,201,370	1,012,147	189,223	1,853,626	212,631	(D)	123,860	(D)
2015	Poultry dressing plants:												
	Establishments:												
	Total.....number..	1,233	235	188	47	998	350	648	538	695	440	213	42
	With 20 or more emp....do...	594	199	165	34	395	249	146	414	180	64	77	39
	All employees:												
	Number.....1,000..	62,389	22,419	19,302	3,117	39,970	28,273	11,697	47,575	14,814	4,989	6,128	3,697
	Payroll.....\$1,000..	160,813	61,786	53,789	7,997	99,027	71,920	27,107	125,709	35,104	10,376	14,656	10,072
	Value added, adjusted....do...	310,572	116,842	104,993	11,849	193,730	133,069	60,661	238,062	72,510	24,161	32,061	16,288
	Value of shipments.....do...	1,888,166	684,351	596,131	88,220	1,203,815	866,208	337,607	1,462,339	425,827	124,937	185,318	115,572
2021	Creamery butter:												
	Establishments:												
	Total.....number..	1,058	146	93	53	912	142	770	235	823	167	69	587
	With 20 or more emp....do...	228	97	58	39	131	32	99	90	138	8	9	121
	All employees:												
	Number.....1,000..	17,295	7,050	4,369	2,681	10,245	2,123	8,122	6,492	10,803	883	629	9,291
	Payroll.....\$1,000..	62,875	27,720	16,492	11,228	35,155	7,939	27,216	24,431	38,444	2,416	2,172	33,856
	Value added, adjusted....do...	147,207	54,647	31,521	23,126	92,560	18,474	74,086	49,995	97,212	7,154	6,929	83,129
	Value of shipments.....do...	1,023,460	415,685	245,561	170,124	607,775	124,327	483,448	369,888	653,572	37,297	35,668	580,607
2022	Natural cheese:												
	Establishments:												
	Total.....number..	1,203	246	205	41	957	170	787	375	828	471	131	226
	With 20 or more emp....do...	160	88	82	6	72	45	27	127	33	7	9	17
	All employees:												
	Number.....1,000..	13,461	6,699	5,939	760	6,762	2,736	4,026	8,675	4,786	2,055	959	1,772
	Payroll.....\$1,000..	49,389	26,751	24,114	2,637	22,638	10,358	12,280	34,472	14,917	5,932	2,993	5,992
	Value added, adjusted....do...	109,098	53,245	48,109	5,136	55,853	20,656	35,197	68,765	40,333	16,346	8,951	15,036
	Value of shipments.....do...	684,248	380,423	346,429	33,994	303,825	99,750	204,075	446,179	238,069	101,453	46,979	89,637
2023	Condensed and evaporated milk:												
	Establishments:												
	Total.....number..	313	222	198	24	91	50	41	248	65	17	14	34
	With 20 or more emp....do...	202	171	149	22	31	22	9	171	31	...	1	30
	All employees:												
	Number.....1,000..	13,445	11,384	10,488	896	2,061	1,276	785	11,764	1,681	82	175	1,424
	Payroll.....\$1,000..	61,443	52,519	48,132	4,387	8,924	5,841	3,083	53,973	7,470	293	646	6,531
	Value added, adjusted....do...	202,709	183,469	175,302	8,167	19,240	12,136	7,104	187,438	15,271	620	1,100	13,551
	Value of shipments.....do...	820,649	718,345	665,733	52,612	102,304	64,956	37,348	730,689	89,960	2,238	5,128	82,594

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
20	Food and kindred products—Continued												
2024	Ice cream and frozen desserts: Establishments:												
	Total.....number..	1,382	395	349	46	987	451	536	800	582	367	201	14
	With 20 or more emp....do...	454	263	252	11	191	153	38	405	49	18	27	4
	All employees:												
	Number.....	34,562	22,327	21,547	780	12,235	8,668	3,567	30,215	4,347	2,024	2,011	312
	Payroll.....\$1,000..	153,042	105,907	102,762	3,145	47,135	36,471	10,664	139,233	13,809	5,503	6,978	1,328
	Value added, adjusted....do...	393,037	298,551	291,821	6,730	94,486	71,925	22,561	363,746	29,291	10,761	15,815	2,715
	Value of shipments.....do...	946,504	710,023	692,299	17,724	236,481	174,698	61,783	866,997	79,507	29,673	42,681	7,153
2025	Special dairy products: Establishments:												
	Total.....number..	107	30	25	5	77	48	29	73	34	21	11	2
	With 20 or more emp....do...	35	20	19	1	15	13	2	32	3	...	2	1
	All employees:												
	Number.....	3,571	2,689	2,614	75	882	680	202	3,294	277	(D)	131	(D)
	Payroll.....\$1,000..	13,600	10,543	10,275	268	3,057	2,497	560	12,772	828	(D)	360	(D)
	Value added, adjusted....do...	23,923	16,904	15,926	978	7,019	6,033	986	21,959	1,964	(D)	910	(D)
	Value of shipments.....do...	189,366	159,399	155,909	3,490	29,967	25,732	4,235	181,641	7,725	(D)	3,165	(D)
2026	Fluid milk: Establishments:												
	Total.....number..	5,816	1,060	875	185	4,756	1,633	3,123	2,508	3,308	1,865	1,036	407
	With 20 or more emp....do...	2,236	888	762	126	1,348	923	425	1,685	551	162	206	183
	All employees:												
	Number.....	211,468	111,753	100,612	11,141	99,715	63,581	36,134	164,193	47,275	15,726	13,826	17,723
	Payroll.....\$1,000..	1,005,677	567,354	517,695	49,659	438,323	300,914	137,409	818,609	187,068	54,487	52,804	79,777
	Value added, adjusted....do...	1,990,805	1,161,810	1,057,969	103,841	828,995	539,538	289,457	1,597,507	393,298	109,754	105,988	177,556
	Value of shipments.....do...	641,233	3,849,792	3,440,093	409,699	2,562,541	1,604,370	958,171	5,044,463	1,367,870	338,763	320,320	708,787
2031	Canned and cured seafoods: Establishments:												
	Total.....number..	333	71	64	7	262	139	123	203	130	70	57	3
	With 20 or more emp....do...	168	60	54	6	108	74	34	128	40	19	19	2
	All employees:												
	Number.....	14,713	8,124	7,825	299	6,589	4,834	1,755	12,659	2,054	(D)	1,059	(D)
	Payroll.....\$1,000..	46,129	27,958	27,262	696	18,171	14,363	3,808	42,243	4,504	(D)	2,357	(D)
	Value added, adjusted....do...	100,242	67,105	65,355	1,750	33,137	25,287	7,850	90,642	6,600	(D)	4,925	(D)
	Value of shipments.....do...	325,088	204,125	200,805	3,324	120,959	94,663	26,296	295,468	29,620	(D)	17,372	(D)
2032	Canned specialties: Establishments:												
	Total.....number..	107	44	43	1	63	45	18	88	19	8	10	1
	With 20 or more emp....do...	69	43	42	1	26	21	5	63	6	...	6	...
	All employees:												
	Number.....	24,186	21,979	(D)	(D)	2,207	(D)	(D)	23,854	332	(D)	283	(D)
	Payroll.....\$1,000..	109,479	101,853	(D)	(D)	7,626	(D)	(D)	108,500	979	(D)	796	(D)
	Value added, adjusted....do...	340,847	323,709	(D)	(D)	17,138	(D)	(D)	339,021	1,826	(D)	1,522	(D)
	Value of shipments.....do...	846,881	796,438	(D)	(D)	50,443	(D)	(D)	839,764	7,117	(D)	6,157	(D)
2033	Canned fruits and vegetables: Establishments:												
	Total.....number..	1,607	476	426	50	1,131	666	465	1,092	515	275	181	59
	With 20 or more emp....do...	913	414	371	43	499	387	112	758	155	54	57	44
	All employees:												
	Number.....	100,084	60,513	54,285	6,228	39,571	31,678	7,893	85,963	14,121	3,113	3,828	7,180
	Payroll.....\$1,000..	319,694	208,501	187,032	21,469	111,193	92,908	18,285	279,940	39,754	6,629	8,757	24,368
	Value added, adjusted....do...	808,306	578,484	505,202	73,282	229,822	190,509	39,313	695,711	112,595	14,678	19,132	78,785
	Value of shipments.....do...	2,227,041	1,562,092	1,373,151	188,941	664,949	547,985	116,964	1,921,136	305,905	41,195	59,684	205,026
2034	Dehydrated fruits & vegetables: Establishments:												
	Total.....number..	161	53	38	15	108	46	62	84	77	25	26	26
	With 20 or more emp....do...	67	38	34	4	29	21	8	55	12	3	4	5
	All employees:												
	Number.....	7,599	4,489	(D)	(D)	3,110	(D)	(D)	6,015	1,584	161	(D)	(D)
	Payroll.....\$1,000..	28,338	16,712	(D)	(D)	11,626	(D)	(D)	22,817	5,521	378	(D)	(D)
	Value added, adjusted....do...	75,529	47,037	(D)	(D)	28,492	(D)	(D)	57,135	18,394	1,195	(D)	(D)
	Value of shipments.....do...	273,286	170,975	(D)	(D)	102,311	(D)	(D)	185,535	87,751	3,033	(D)	(D)
2035	Pickles and sauces: Establishments:												
	Total.....number..	619	122	112	10	497	250	247	362	257	148	105	4
	With 20 or more emp....do...	205	87	81	6	118	91	27	172	33	7	24	2
	All employees:												
	Number.....	19,500	10,821	10,624	197	8,679	6,799	1,880	17,423	2,077	698	1,287	92
	Payroll.....\$1,000..	70,494	42,521	41,783	738	27,973	22,919	5,054	64,702	5,792	1,912	3,688	192
	Value added, adjusted....do...	164,254	108,555	106,864	1,691	55,699	43,162	12,537	150,026	14,228	4,723	9,386	119
	Value of shipments.....do...	525,309	370,516	365,709	4,807	154,793	120,514	34,279	486,223	39,086	11,834	26,688	564
2036	Fresh or frozen packaged fish: Establishments:												
	Total.....number..	440	53	40	13	387	168	219	208	232	135	94	3
	With 20 or more emp....do...	223	39	34	5	184	108	76	142	81	42	37	2
	All employees:												
	Number.....	17,469	4,534	4,268	266	12,935	8,913	4,022	13,181	4,288	2,108	(D)	(D)
	Payroll.....\$1,000..	40,918	12,442	11,683	759	28,476	22,760	5,716	34,443	6,475	2,979	(D)	(D)

See footnotes at end of table.

TYPE OF ORGANIZATION

3-5

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
20	Food and kindred products—Continued												
	Fresh or frozen packaged fish—Continued												
	Value added, adjusted, \$1,000..	82,368	27,119	25,309	1,810	55,259	43,004	12,245	68,313	14,055	6,803	(D)	(D)
	Value of shipments.....do...	307,399	103,089	99,679	3,410	204,310	167,881	36,429	267,560	39,839	19,222	(D)	(D)
2037	Frozen fruits and vegetables:												
	Establishments:												
	Total.....number..	426	152	148	4	274	197	77	345	81	44	29	8
	With 20 or more emp....do...	263	124	123	1	139	113	26	235	28	9	11	8
	All employees:												
	Number.....	39,528	25,756	(D)	(D)	13,772	(D)	(D)	36,613	3,159	669	949	1,541
	Payroll.....\$1,000..	126,804	82,777	(D)	(D)	44,027	(D)	(D)	117,765	9,039	1,533	2,524	4,982
	Value added, adjusted.....do...	323,789	226,628	(D)	(D)	97,161	(D)	(D)	304,363	19,426	3,304	6,762	9,360
	Value of shipments.....do...	1,025,897	685,734	(D)	(D)	340,163	(D)	(D)	930,853	95,044	10,841	20,801	63,402
2041	Flour and meal:												
	Establishments:												
	Total.....number..	814	194	187	7	620	198	422	385	429	277	147	5
	With 20 or more emp....do...	250	170	169	1	80	71	9	240	10	2	8	...
	All employees:												
	Number.....	28,215	21,285	21,211	74	6,930	5,064	1,866	26,275	1,940	989	910	41
	Payroll.....\$1,000..	140,121	111,400	111,165	235	28,721	23,525	5,196	134,690	5,431	2,744	2,559	128
	Value added, adjusted.....do...	393,053	325,474	325,102	372	67,579	54,348	13,231	379,450	13,603	6,747	6,581	275
	Value of shipments.....do...	2,086,706	1,735,026	1,732,981	2,045	351,680	295,797	55,883	2,028,778	57,928	28,515	27,866	1,547
2042	Prepared animal feeds:												
	Establishments:												
	Total.....number..	2,379	652	545	107	1,727	869	858	1,414	965	515	373	77
	With 20 or more emp....do...	715	370	315	55	345	281	64	596	119	23	53	43
	All employees:												
	Number.....	57,313	33,466	28,606	4,860	23,847	17,680	6,167	46,286	11,027	3,004	3,657	4,366
	Payroll.....\$1,000..	252,346	157,510	135,912	21,598	94,836	74,683	20,153	210,595	41,751	9,288	12,461	20,002
	Value added, adjusted.....do...	798,892	551,862	490,923	60,939	247,030	192,382	54,648	683,305	115,587	25,682	32,499	57,406
	Value of shipments.....do...	3,238,414	2,248,157	1,862,875	385,282	990,257	764,926	225,331	2,627,801	610,613	100,720	133,107	376,786
2043	Cereal preparations:												
	Establishments:												
	Total.....number..	43	24	23	1	19	14	5	37	6	4	2	...
	With 20 or more emp....do...	25	19	19	...	6	6	...	25	...	...	...	...
	All employees:												
	Number.....	10,927	10,555	(D)	(D)	372	(D)	(D)	10,893	34	(D)	(D)	...
	Payroll.....\$1,000..	61,902	59,670	(D)	(D)	2,232	(D)	(D)	61,813	89	(D)	(D)	...
	Value added, adjusted.....do...	243,088	232,524	(D)	(D)	10,564	(D)	(D)	242,847	241	(D)	(D)	...
	Value of shipments.....do...	444,132	423,604	(D)	(D)	20,528	(D)	(D)	443,389	743	(D)	(D)	...
2044	Rice milling:												
	Establishments:												
	Total.....number..	72	23	16	7	49	38	11	54	18	1	7	10
	With 20 or more emp....do...	51	23	16	7	28	20	8	36	15	1	4	10
	All employees:												
	Number.....	3,843	2,139	1,385	754	1,704	1,217	487	2,602	1,241	(D)	(D)	926
	Payroll.....\$1,000..	14,286	8,809	5,457	3,352	5,477	3,739	1,738	9,196	5,090	(D)	(D)	4,133
	Value added, adjusted.....do...	53,152	35,534	21,132	14,402	17,618	10,399	7,219	31,531	21,621	(D)	(D)	17,007
	Value of shipments.....do...	312,061	206,635	104,538	102,097	105,426	64,931	40,495	169,469	142,592	(D)	(D)	117,487
2045	Blended and prepared flour:												
	Establishments:												
	Total.....number..	11	25	25	...	92	56	36	81	36	28	8	...
	With 20 or more emp....do...	30	21	21	...	9	9	...	30	...	...	...	...
	All employees:												
	Number.....	4,894	4,160	4,160	...	734	621	113	4,781	113	82	31	...
	Payroll.....\$1,000..	28,353	24,851	24,851	...	3,502	3,139	363	27,990	363	255	108	...
	Value added, adjusted.....do...	118,073	109,047	109,047	...	9,026	7,935	1,091	116,982	1,091	842	249	...
	Value of shipments.....do...	279,364	252,332	252,332	...	27,032	23,589	3,443	275,921	3,443	2,435	1,008	...
2046	Wet corn milling:												
	Establishments:												
	Total.....number..	59	22	22	...	37	24	13	46	13	5	7	1
	With 20 or more emp....do...	26	18	18	...	8	6	2	24	2	...	1	1
	All employees:												
	Number.....	13,792	13,332	13,332	...	460	354	106	13,686	106	22	(D)	(D)
	Payroll.....\$1,000..	78,767	76,704	76,704	...	2,063	1,705	358	78,409	358	79	(D)	(D)
	Value added, adjusted.....do...	249,435	242,143	242,143	...	7,292	5,787	1,505	247,930	1,505	216	(D)	(D)
	Value of shipments.....do...	528,530	512,947	512,947	...	15,583	11,989	3,594	524,936	3,594	637	(D)	(D)
2051	Bread and related products:												
	Establishments:												
	Total.....number..	5,985	1,246	1,004	242	4,739	1,321	3,418	2,325	3,660	2,409	1,234	17
	With 20 or more emp....do...	2,149	978	900	78	1,171	789	382	1,689	460	184	268	8
	All employees:												
	Number.....	256,963	155,419	150,703	4,716	101,544	69,483	32,061	220,186	36,777	18,655	17,812	310
	Payroll.....\$1,000..	1,154,240	748,747	733,776	14,971	405,493	307,954	97,539	1,041,730	112,510	52,763	58,644	1,103
	Value added, adjusted.....do...	2,111,820	1,389,538	1,363,440	26,098	722,282	540,214	182,068	1,903,654	208,166	97,245	108,987	1,934
	Value of shipments.....do...	4,098,612	2,716,150	2,665,848	50,302	1,382,462	1,013,040	369,422	3,678,888	419,724	197,196	218,822	3,706

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
20	Food and kindred products—Continued												
2052	Biscuit and crackers:												
	Establishments:												
	Total.....number..	334	100	95	5	234	139	95	234	100	68	32	...
	With 20 or more emp....do...	203	90	89	1	113	88	25	177	26	14	12	...
	All employees:												
	Number.....	44,333	34,444	34,394	50	9,889	8,484	1,405	42,878	1,455	735	720	...
	Payroll.....\$1,000..	179,390	143,286	143,147	139	36,104	31,990	4,114	175,137	4,253	1,897	2,356	...
	Value added, adjusted....do...	522,490	448,923	448,733	190	73,567	64,352	9,215	513,085	9,405	4,238	5,167	...
	Value of shipments.....do...	980,780	823,644	823,110	534	157,136	138,759	18,377	961,869	18,911	8,729	10,182	...
2061	Raw cane sugar:												
	Establishments:												
	Total.....number..	50	15	15	...	35	20	15	35	15	2	5	8
	With 20 or more emp....do...	44	13	13	...	31	19	12	32	12	...	5	7
	All employees:												
	Number.....	3,011	1,061	1,061	...	1,950	1,258	692	2,319	692	(D)	(D)	488
	Payroll.....\$1,000..	9,388	3,575	3,575	...	5,813	3,793	2,020	7,368	2,020	(D)	(D)	1,407
	Value added, adjusted....do...	21,841	9,577	9,577	...	12,264	7,888	4,376	17,465	4,376	(D)	(D)	3,291
	Value of shipments.....do...	72,553	30,803	30,803	...	41,750	24,284	17,466	55,087	17,466	(D)	(D)	11,656
2062	Cane sugar refining:												
	Establishments:												
	Total.....number..	28	24	24	...	4	4	...	28	...	...	...	...
	With 20 or more emp....do...	25	22	22	...	3	3	...	25	...	...	...	...
	All employees:												
	Number.....	15,213	(D)	(D)	...	(D)	(D)	...	15,213	...	...	...	...
	Payroll.....\$1,000..	83,962	(D)	(D)	...	(D)	(D)	...	83,962	...	...	...	...
	Value added, adjusted....do...	184,824	(D)	(D)	...	(D)	(D)	...	184,824	...	...	...	...
	Value of shipments.....do...	997,288	(D)	(D)	...	(D)	(D)	...	997,288	...	...	...	...
2063	Beet sugar:												
	Establishments:												
	Total.....number..	66	62	62	...	4	4	...	66	...	...	...	...
	With 20 or more emp....do...	66	62	62	...	4	4	...	66	...	...	...	...
	All employees:												
	Number.....	10,324	9,894	9,894	...	430	430	...	10,324	...	...	...	...
	Payroll.....\$1,000..	49,217	47,697	47,697	...	1,520	1,520	...	49,217	...	...	...	...
	Value added, adjusted....do...	130,393	127,318	127,318	...	3,075	3,075	...	130,393	...	...	...	...
	Value of shipments.....do...	392,212	383,932	383,932	...	8,280	8,280	...	392,212	...	...	...	...
2071	Confectionery products:												
	Establishments:												
	Total.....number..	1,390	209	179	30	1,181	495	686	674	716	503	209	4
	With 20 or more emp....do...	421	144	139	5	277	219	58	358	63	21	40	2
	All employees:												
	Number.....	66,395	37,643	35,777	1,866	28,752	23,503	5,249	59,280	7,115	2,737	4,290	88
	Payroll.....\$1,000..	236,685	141,095	135,480	5,615	95,590	82,431	13,159	217,911	18,774	6,184	12,321	269
	Value added, adjusted....do...	511,688	317,192	306,924	10,268	194,496	163,629	30,867	470,553	41,135	13,942	26,751	442
	Value of shipments.....do...	1,227,955	748,556	724,233	24,323	479,399	405,551	73,848	1,129,784	98,171	33,275	63,536	1,360
2072	Chocolate and cocoa products:												
	Establishments:												
	Total.....number..	28	15	15	...	13	13	...	28	...	...	...	...
	With 20 or more emp....do...	25	13	13	...	12	12	...	25	...	...	...	...
	All employees:												
	Number.....	8,271	6,671	6,671	...	1,600	1,600	...	8,271	...	...	...	...
	Payroll.....\$1,000..	38,427	30,517	30,517	...	7,910	7,910	...	38,427	...	...	...	...
	Value added, adjusted....do...	135,098	119,141	119,141	...	15,957	15,957	...	135,098	...	...	...	...
	Value of shipments.....do...	447,156	358,115	358,115	...	89,041	89,041	...	447,156	...	...	...	...
2073	Chewing gum:												
	Establishments:												
	Total.....number..	26	7	7	...	19	16	3	23	3	2	1	...
	With 20 or more emp....do...	15	7	7	...	8	8	...	15	...	...	...	...
	All employees:												
	Number.....	5,344	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	23,918	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	102,280	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	175,941	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
2082	Malt liquors:												
	Establishments:												
	Total.....number..	258	113	111	2	145	141	4	252	6	5	1	...
	With 20 or more emp....do...	224	112	111	1	112	110	2	221	3	2	1	...
	All employees:												
	Number.....	71,494	56,755	(D)	(D)	14,739	(D)	(D)	71,371	123	(D)	(D)	...
	Payroll.....\$1,000..	442,321	360,018	(D)	(D)	82,303	(D)	(D)	441,866	455	(D)	(D)	...
	Value added, adjusted....do...	1,114,590	911,536	(D)	(D)	203,054	(D)	(D)	1,113,365	1,225	(D)	(D)	...
	Value of shipments.....do...	1,982,664	1,614,082	(D)	(D)	368,582	(D)	(D)	1,980,753	1,911	(D)	(D)	...
2083	Malt:												
	Establishments:												
	Total.....number..	46	30	29	1	16	14	2	43	3	1	2	...
	With 20 or more emp....do...	34	24	24	...	10	9	1	33	1	...	1	...

See footnotes at end of table.

TYPE OF ORGANIZATION

3-7

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
20	Food and kindred products—Continued												
	Malt—Continued												
	All employees:												
	Number.....	2,404	1,818	(D)	(D)	586	(D)	(D)	2,351	53	(D)	(D)	...
	Payroll.....\$1,000..	16,338	12,286	(D)	(D)	4,052	(D)	(D)	16,034	304	(D)	(D)	...
	Value added, adjusted.....do...	55,087	43,409	(D)	(D)	11,678	(D)	(D)	54,376	711	(D)	(D)	...
	Value of shipments.....do...	195,327	153,413	(D)	(D)	41,914	(D)	(D)	191,989	3,338	(D)	(D)	...
2084	Wines and brandy:												
	Establishments:												
	Total.....number..	239	53	44	9	186	110	76	154	85	37	28	20
	With 20 or more emp.....do...	73	35	31	4	38	34	4	65	8	...	3	5
	All employees:												
	Number.....	5,941	3,208	(D)	(D)	2,733	(D)	(D)	5,156	785	161	215	409
	Payroll.....\$1,000..	29,029	15,457	(D)	(D)	13,572	(D)	(D)	25,541	3,488	481	950	2,057
	Value added, adjusted.....do...	114,242	65,170	(D)	(D)	49,072	(D)	(D)	101,852	12,390	1,178	4,736	6,476
	Value of shipments.....do...	(³)	(³)	(D)	(D)	(³)	(D)	(D)	(³)	(³)	(³)	(³)	(³)
2085	Distilled liquor, except brandy:												
	Establishments:												
	Total.....number..	122	58	58	...	64	58	6	116	6	4	2	...
	With 20 or more emp.....do...	91	53	53	...	38	37	1	90	1	...	1	...
	All employees:												
	Number.....	20,528	17,962	17,962	...	2,566	2,523	43	20,485	43	(D)	(D)	...
	Payroll.....\$1,000..	102,619	90,751	90,751	...	11,868	11,567	301	102,318	301	(D)	(D)	...
	Value added, adjusted.....do...	444,831	418,255	418,255	...	26,576	26,070	506	444,324	506	(D)	(D)	...
	Value of shipments.....do...	927,992	826,722	826,722	...	101,270	99,866	1,404	926,588	1,404	(D)	(D)	...
2086	Bottled and canned soft drinks:												
	Establishments:												
	Total.....number..	4,362	600	566	34	3,762	2,078	1,684	2,644	1,718	964	745	9
	With 20 or more emp.....do...	1,411	409	397	12	1,002	821	181	1,218	193	71	120	2
	All employees:												
	Number.....	96,347	33,435	32,766	669	62,912	47,027	15,885	79,793	16,554	7,185	9,210	159
	Payroll.....\$1,000..	401,713	158,702	156,194	2,508	243,011	191,186	51,825	347,380	54,333	22,467	31,346	520
	Value added, adjusted.....do...	844,688	338,842	332,679	6,163	505,846	388,099	117,747	720,778	123,910	49,959	72,771	1,180
	Value of shipments.....do...	1,512,612	577,551	566,548	11,003	935,061	707,174	227,887	1,273,722	238,890	97,161	139,685	2,044
2087	Flavorings:												
	Establishments:												
	Total.....number..	531	80	77	3	451	300	151	377	154	108	44	2
	With 20 or more emp.....do...	95	42	41	1	53	52	1	93	2	1	...	1
	All employees:												
	Number.....	9,483	4,840	(D)	(D)	4,643	(D)	(D)	8,525	958	318	(D)	(D)
	Payroll.....\$1,000..	49,346	26,050	(D)	(D)	23,296	(D)	(D)	45,447	3,899	1,124	(D)	(D)
	Value added, adjusted.....do...	262,223	195,758	(D)	(D)	66,465	(D)	(D)	253,187	9,036	3,059	(D)	(D)
	Value of shipments.....do...	512,607	367,070	(D)	(D)	145,537	(D)	(D)	480,788	31,819	7,567	(D)	(D)
2091	Cottonseed oil mills:												
	Establishments:												
	Total.....number..	214	124	120	4	90	69	21	189	25	9	4	12
	With 20 or more emp.....do...	163	107	104	3	56	46	10	150	13	2	1	10
	All employees:												
	Number.....	8,355	5,482	5,352	130	2,873	2,306	567	7,658	697	91	43	563
	Payroll.....\$1,000..	31,223	20,751	20,275	476	10,472	8,397	2,075	28,672	2,551	281	108	2,162
	Value added, adjusted.....do...	63,587	43,777	42,577	1,200	19,810	13,898	5,912	56,475	7,112	571	216	6,325
	Value of shipments.....do...	420,649	295,422	289,290	6,132	125,227	90,021	35,206	379,311	41,338	2,395	1,132	37,811
2092	Soybean oil mills:												
	Establishments:												
	Total.....number..	117	68	64	4	49	30	19	94	23	6	6	11
	With 20 or more emp.....do...	83	66	63	3	17	9	8	72	11	...	1	10
	All employees:												
	Number.....	8,095	7,026	6,930	96	1,609	679	390	7,609	486	(D)	(D)	419
	Payroll.....\$1,000..	41,909	37,036	36,720	316	4,873	3,072	1,801	39,792	2,117	(D)	(D)	1,853
	Value added, adjusted.....do...	139,612	123,787	123,067	720	15,825	8,194	7,631	131,261	8,351	(D)	(D)	7,905
	Value of shipments.....do...	1,080,798	969,014	963,501	5,513	111,784	70,713	41,071	1,034,214	46,584	(D)	(D)	41,091
2093	Vegetable oil mills, nec.:												
	Establishments:												
	Total.....number..	46	19	18	1	27	19	8	37	9	5	4	...
	With 20 or more emp.....do...	20	16	16	...	4	3	1	19	1	1	...	...
	All employees:												
	Number.....	2,252	1,858	(D)	(D)	394	(D)	(D)	2,179	73	50	23	...
	Payroll.....\$1,000..	12,525	10,631	(D)	(D)	1,894	(D)	(D)	12,260	265	201	64	...
	Value added, adjusted.....do...	42,066	29,762	(D)	(D)	12,304	(D)	(D)	41,493	573	511	62	...
	Value of shipments.....do...	314,695	227,189	(D)	(D)	87,506	(D)	(D)	312,642	2,053	1,749	304	...
2094	Grease and tallow:												
	Establishments:												
	Total.....number..	539	140	127	13	399	224	175	351	188	93	87	8
	With 20 or more emp.....do...	173	76	71	5	97	87	10	158	15	4	8	3
	All employees:												
	Number.....	12,384	6,134	5,888	246	6,250	4,960	1,290	10,848	1,536	536	799	201
	Payroll.....\$1,000..	60,095	30,095	29,035	1,060	30,000	24,876	5,124	53,911	6,184	2,027	3,376	781
	Value added, adjusted.....do...	127,120	64,725	61,299	3,426	62,395	49,293	13,102	110,592	16,528	4,636	10,537	1,355
	Value of shipments.....do...	328,920	162,201	155,505	6,696	166,719	140,092	26,627	295,597	33,323	8,919	21,324	3,080

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
20	Food and kindred products—Continued												
2095	Animal oils, nec.:												
	Establishments:												
	Total.....number..	78	19	19	...	59	47	12	66	12	5	5	1
	With 20 or more emp....do...	37	9	9	...	28	26	2	35	2	1	1	...
	All employees:												
	Number.....	2,191	892	892	...	1,299	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Payroll.....\$1,000..	7,774	2,422	2,422	...	5,352	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Value added, adjusted....do...	24,475	12,214	12,214	...	12,261	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Value of shipments.....do...	60,378	25,397	25,397	...	34,981	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2096	Shortening and cooking oils:												
	Establishments:												
	Total.....number..	105	69	69	...	36	28	8	97	8	3	4	1
	With 20 or more emp....do...	80	66	66	...	14	14	...	80	...	...	...	...
	All employees:												
	Number.....	12,489	11,127	11,127	...	1,362	1,332	30	12,459	30	(D)	15	(D)
	Payroll.....\$1,000..	70,993	63,431	63,431	...	7,562	7,465	97	70,896	97	(D)	31	(D)
	Value added, adjusted....do...	221,519	202,208	202,208	...	19,311	18,862	449	221,070	449	(D)	292	(D)
	Value of shipments.....do...	1,239,129	1,123,507	1,123,507	...	115,622	114,683	939	1,238,190	939	(D)	622	(D)
2097	Manufactured ice:												
	Establishments:												
	Total.....number..	1,570	603	530	73	967	451	516	981	589	350	238	1
	With 20 or more emp....do...	170	120	119	1	50	40	10	159	11	1	10	...
	All employees:												
	Number.....	14,557	7,901	7,487	414	6,656	4,429	2,227	11,916	2,641	(D)	1,364	(D)
	Payroll.....\$1,000..	52,498	29,726	28,456	1,270	22,772	16,128	6,644	44,584	7,914	(D)	4,204	(D)
	Value added, adjusted....do...	107,527	65,629	63,536	2,093	41,898	29,400	12,498	92,936	14,591	(D)	7,674	(D)
	Value of shipments.....do...	149,552	87,808	84,645	3,163	61,744	42,183	19,561	126,828	22,724	(D)	11,762	(D)
2098	Macaroni and spaghetti:												
	Establishments:												
	Total.....number..	214	27	25	2	187	82	105	107	107	55	52	...
	With 20 or more emp....do...	76	21	21	...	55	42	13	63	13	4	9	...
	All employees:												
	Number.....	6,825	2,555	(D)	(D)	4,270	(D)	(D)	5,921	904	346	558	...
	Payroll.....\$1,000..	27,910	11,685	(D)	(D)	16,225	(D)	(D)	25,133	2,777	871	1,906	...
	Value added, adjusted....do...	67,130	31,221	(D)	(D)	35,909	(D)	(D)	59,917	7,213	2,303	4,910	...
	Value of shipments.....do...	180,190	82,421	(D)	(D)	97,769	(D)	(D)	161,401	18,789	5,798	12,991	...
2099	Food preparations, nec.:												
	Establishments:												
	Total.....number..	2,687	529	487	42	2,158	933	1,225	1,420	1,267	863	388	16
	With 20 or more emp....do...	695	341	330	11	354	289	65	619	76	43	30	3
	All employees:												
	Number.....	67,992	41,041	40,511	530	26,951	19,239	7,712	59,750	8,242	4,711	3,351	180
	Payroll.....\$1,000..	302,483	196,297	194,844	1,453	106,186	83,554	22,632	278,398	24,085	12,949	10,461	675
	Value added, adjusted....do...	1,066,017	811,325	804,491	6,834	254,692	196,919	57,773	1,001,410	64,607	33,859	25,907	4,841
	Value of shipments.....do...	3,432,094	2,681,516	2,669,081	12,435	750,578	597,721	152,857	3,266,802	165,292	85,308	72,487	7,497
21	Tobacco products:												
	Establishments:												
	Total.....number..	504	201	197	4	303	110	193	307	197	164	33	...
	With 20 or more emp....do...	280	191	187	4	89	70	19	257	23	11	12	...
	All employees:												
	Number.....	84,467	75,305	74,986	319	9,162	1,594	1,568	82,580	1,887	757	1,130	...
	Payroll.....\$1,000..	294,650	269,062	268,249	813	25,588	22,513	3,075	290,762	3,888	1,365	2,523	...
	Production workers:												
	Number.....	76,306	68,095	67,794	301	8,211	6,783	1,428	74,577	1,729	677	1,052	...
	Man-hours.....1,000..	146,992	131,859	131,225	634	15,133	12,777	2,356	144,002	2,990	1,087	1,903	...
	Wages.....\$1,000..	247,842	227,505	226,763	742	20,337	17,709	2,628	244,472	3,370	1,185	2,185	...
	Value added, adjusted....do...	1,413,460	1,361,566	1,359,648	1,918	51,894	45,846	6,048	1,405,494	7,966	2,757	5,209	...
	Capital expend., new....do...	38,069	36,208	36,110	98	1,861	1,632	229	37,742	327	203	124	...
2111	Cigarettes:												
	Establishments:												
	Total.....number..	19	14	14	...	5	4	1	18	1	1	...	...
	With 20 or more emp....do...	16	14	14	...	2	2	...	16	...	...	...	...
	All employees:												
	Number.....	33,832	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	142,413	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	1,058,554	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	2,159,987	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	...	...
2121	Cigars:												
	Establishments:												
	Total.....number..	283	61	58	3	222	60	162	118	165	139	26	...
	With 20 or more emp....do...	114	60	57	3	54	38	16	95	19	9	10	...
	All employees:												
	Number.....	29,350	23,421	(D)	(D)	5,929	(D)	(D)	27,971	1,379	653	726	...
	Payroll.....\$1,000..	81,882	66,080	(D)	(D)	15,802	(D)	(D)	78,937	2,945	1,142	1,803	...
	Value added, adjusted....do...	183,140	153,122	(D)	(D)	30,018	(D)	(D)	176,700	6,440	2,220	4,220	...
	Value of shipments.....do...	355,048	295,146	(D)	(D)	59,902	(D)	(D)	341,540	13,508	5,097	8,411	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
21	Tobacco products—Continued												
2131	Chewing and smoking tobacco:												
	Establishments:												
	Total.....number..	58	18	18	...	40	20	20	38	20	17	3	...
	With 20 or more emp....do...	28	18	18	...	10	8	2	26	2	2	...	...
	All employees:												
	Number.....	6,348	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	23,693	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	86,188	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	175,770	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
2141	Tobacco stemming and redrying:												
	Establishments:												
	Total.....number..	144	108	107	1	36	26	10	133	11	7	4	...
	With 20 or more emp....do...	122	99	98	1	23	22	1	120	2	...	2	...
	All employees:												
	Number.....	14,937	13,006	(D)	(D)	1,931	(D)	(D)	14,540	397	(D)	(D)	...
	Payroll.....\$1,000..	46,662	40,955	(D)	(D)	5,707	(D)	(D)	45,952	710	(D)	(D)	...
	Value added, adjusted....do...	85,578	73,125	(D)	(D)	12,453	(D)	(D)	84,567	1,011	(D)	(D)	...
	Value of shipments.....do...	1,176,710	1,112,042	(D)	(D)	64,668	(D)	(D)	1,174,186	2,524	(D)	(D)	...
22	Textile mill products:												
	Establishments:												
	Total.....number..	7,675	1,812	1,772	40	5,863	4,227	1,636	5,999	1,676	941	726	9
	With 20 or more emp....do...	4,617	1,658	1,635	23	2,959	2,514	445	4,149	468	165	298	5
	All employees:												
	Number.....	901,677	593,893	591,511	2,382	307,781	278,064	29,717	869,575	32,099	11,161	20,300	638
	Payroll.....\$1,000..	2,938,140	1,934,426	1,926,391	8,035	1,003,714	921,875	81,839	2,848,266	89,874	27,985	59,331	2,558
	Production workers:												
	Number.....	810,490	534,914	532,823	2,091	275,576	248,736	26,840	781,559	28,931	9,896	18,487	548
	Man-hours.....\$1,000..	1,568,004	1,040,631	1,036,708	3,923	527,373	478,596	48,777	1,515,304	52,700	17,216	34,536	948
	Wages.....\$1,000..	2,408,291	1,601,177	1,594,680	6,497	807,114	735,778	71,336	2,330,458	77,833	23,908	52,087	1,838
	Value added, adjusted....do...	4,857,638	3,218,812	3,201,030	17,782	1,638,826	1,485,402	153,424	4,686,432	171,206	50,682	114,695	5,829
	Capital expend., new....do...	211,744	142,878	142,344	534	68,866	62,341	6,525	204,685	7,059	3,546	3,480	33
2211	Weaving mills, cotton:												
	Establishments:												
	Total.....number..	496	270	270	...	226	183	43	453	43	25	18	...
	With 20 or more emp....do...	395	264	264	...	131	125	6	389	6	2	4	...
	All employees:												
	Number.....	243,419	202,781	202,781	...	40,638	39,828	810	242,609	810	184	626	...
	Payroll.....\$1,000..	724,481	605,672	605,672	...	118,809	116,342	2,467	722,014	2,467	552	1,915	...
	Value added, adjusted....do...	1,078,592	913,118	913,118	...	165,474	161,224	4,250	1,074,342	4,250	1,026	3,224	...
	Value of shipments.....do...	2,748,584	2,333,731	2,333,731	...	414,853	407,484	7,369	2,741,215	7,369	2,036	5,333	...
2221	Weaving mills, synthetics:												
	Establishments:												
	Total.....number..	401	174	173	1	227	184	43	357	44	21	22	1
	With 20 or more emp....do...	310	167	166	1	143	125	18	291	19	3	15	1
	All employees:												
	Number.....	81,688	66,324	(D)	(D)	15,364	(D)	(D)	80,526	1,162	(D)	688	(D)
	Payroll.....\$1,000..	276,655	221,424	(D)	(D)	55,231	(D)	(D)	272,704	3,951	(D)	2,365	(D)
	Value added, adjusted....do...	468,583	374,366	(D)	(D)	94,217	(D)	(D)	460,657	7,926	(D)	4,878	(D)
	Value of shipments.....do...	1,225,509	994,814	(D)	(D)	230,695	(D)	(D)	1,208,217	17,292	(D)	10,368	(D)
2231	Weaving, finishing mills, wool:												
	Establishments:												
	Total.....number..	469	109	106	3	360	281	79	387	82	43	38	1
	With 20 or more emp....do...	311	103	102	1	208	184	24	286	25	6	18	1
	All employees:												
	Number.....	55,952	32,832	(D)	(D)	23,120	(D)	(D)	53,957	1,995	(D)	1,523	(D)
	Payroll.....\$1,000..	206,094	122,032	(D)	(D)	84,062	(D)	(D)	199,544	6,550	(D)	5,037	(D)
	Value added, adjusted....do...	336,618	200,661	(D)	(D)	135,957	(D)	(D)	323,830	12,788	(D)	8,687	(D)
	Value of shipments.....do...	929,040	633,948	(D)	(D)	295,092	(D)	(D)	903,178	25,862	(D)	19,527	(D)
2241	Narrow fabric mills:												
	Establishments:												
	Total.....number..	488	100	98	2	388	281	107	379	109	70	39	...
	With 20 or more emp....do...	242	84	83	1	158	143	15	226	16	7	9	...
	All employees:												
	Number.....	24,587	11,678	(D)	(D)	12,909	(D)	(D)	23,423	1,164	575	589	...
	Payroll.....\$1,000..	85,923	40,847	(D)	(D)	45,076	(D)	(D)	82,742	3,181	1,553	1,628	...
	Value added, adjusted....do...	142,638	66,841	(D)	(D)	75,797	(D)	(D)	136,270	6,368	2,741	3,627	...
	Value of shipments.....do...	301,482	147,090	(D)	(D)	154,392	(D)	(D)	287,479	14,003	6,562	7,441	...
2251	Full-fashioned hosiery mills:												
	Establishments:												
	Total.....number..	432	91	88	3	341	201	140	289	143	93	49	1
	With 20 or more emp....do...	241	82	81	1	159	125	34	206	35	22	13	...
	All employees:												
	Number.....	33,687	20,448	(D)	(D)	13,239	(D)	(D)	31,623	2,064	(D)	877	(D)
	Payroll.....\$1,000..	103,998	64,711	(D)	(D)	39,287	(D)	(D)	98,607	5,391	(D)	2,253	(D)
	Value added, adjusted....do...	172,996	112,381	(D)	(D)	60,615	(D)	(D)	162,922	10,074	(D)	5,021	(D)
	Value of shipments.....do...	(³)	(³)	(D)	(D)	(³)	(D)	(D)	(³)	(³)	(D)	(³)	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
22	Textile mill products—Continued												
2252	Seamless hosiery mills:												
	Establishments:												
	Total.....number..	659	116	111	5	543	317	226	428	231	135	96	...
	With 20 or more emp....do...	489	110	105	5	379	264	115	369	120	55	65	...
	All employees:												
	Number.....	69,483	32,236	32,001	235	37,247	30,046	7,201	62,047	7,436	3,260	4,176	...
	Payroll.....\$1,000..	177,104	88,293	87,872	421	88,811	74,117	14,694	161,989	15,115	6,041	9,074	...
	Value added, adjusted....do...	290,825	158,666	158,206	460	132,159	108,450	23,709	266,656	24,169	9,067	15,102	...
	Value of shipments.....do...	597,437	315,947	315,137	810	281,490	231,903	49,587	547,040	50,397	20,256	30,141	...
2253	Knit outerwear mills:												
	Establishments:												
	Total.....number..	1,123	67	65	2	1,056	728	328	793	330	148	182	...
	With 20 or more emp....do...	633	61	59	2	572	451	121	510	123	30	93	...
	All employees:												
	Number.....	60,672	16,950	(D)	(D)	43,722	(D)	(D)	52,469	8,203	2,030	6,173	...
	Payroll.....\$1,000..	203,998	57,183	(D)	(D)	146,815	(D)	(D)	179,387	24,611	5,787	18,824	...
	Value added, adjusted....do...	339,914	87,075	(D)	(D)	252,839	(D)	(D)	296,730	43,184	10,598	32,586	...
	Value of shipments.....do...	813,577	228,569	(D)	(D)	585,008	(D)	(D)	724,161	89,416	22,988	66,428	...
2254	Knit underwear mills:												
	Establishments:												
	Total.....number..	140	37	36	1	103	83	20	119	21	11	10	...
	With 20 or more emp....do...	122	35	35	...	87	74	13	109	13	5	8	...
	All employees:												
	Number.....	27,918	14,735	(D)	(D)	13,183	(D)	(D)	27,012	906	334	572	...
	Payroll.....\$1,000..	81,183	44,960	(D)	(D)	36,223	(D)	(D)	79,078	2,105	726	1,379	...
	Value added, adjusted....do...	135,703	77,342	(D)	(D)	58,361	(D)	(D)	131,826	3,877	1,319	2,558	...
	Value of shipments.....do...	291,852	171,049	(D)	(D)	120,803	(D)	(D)	284,443	7,409	2,286	5,123	...
2256	Knit fabric mills:												
	Establishments:												
	Total.....number..	357	65	64	1	292	235	57	299	58	25	32	1
	With 20 or more emp....do...	181	57	57	...	124	110	14	167	14	2	12	...
	All employees:												
	Number.....	18,356	9,237	(D)	(D)	9,119	(D)	(D)	17,575	781	(D)	632	(D)
	Payroll.....\$1,000..	73,871	36,168	(D)	(D)	37,703	(D)	(D)	70,606	3,265	(D)	2,711	(D)
	Value added, adjusted....do...	147,394	75,929	(D)	(D)	71,465	(D)	(D)	139,750	7,644	(D)	6,412	(D)
	Value of shipments.....do...	487,185	256,771	(D)	(D)	230,414	(D)	(D)	466,630	20,539	(D)	16,077	(D)
2259	Knitting mills, nec.:												
	Establishments:												
	Total.....number..	75	12	11	1	63	43	20	54	21	10	10	1
	With 20 or more emp....do...	38	11	10	1	27	23	4	33	5	1	3	1
	All employees:												
	Number.....	3,230	1,376	(D)	(D)	1,854	(D)	(D)	2,980	250	(D)	159	(D)
	Payroll.....\$1,000..	9,619	4,025	(D)	(D)	5,594	(D)	(D)	9,038	581	(D)	322	(D)
	Value added, adjusted....do...	14,543	5,295	(D)	(D)	9,248	(D)	(D)	13,282	1,261	(D)	785	(D)
	Value of shipments.....do...	30,092	11,492	(D)	(D)	18,600	(D)	(D)	27,897	2,195	(D)	1,314	(D)
2261	Finishing plants, cotton:												
	Establishments:												
	Total.....number..	446	85	83	2	361	274	87	357	89	56	33	...
	With 20 or more emp....do...	174	76	75	1	98	92	6	167	7	2	5	...
	All employees:												
	Number.....	49,212	39,416	(D)	(D)	9,796	(D)	(D)	48,262	950	284	666	...
	Payroll.....\$1,000..	189,866	147,881	(D)	(D)	41,985	(D)	(D)	186,355	3,511	758	2,753	...
	Value added, adjusted....do...	289,115	223,831	(D)	(D)	65,284	(D)	(D)	282,972	6,143	1,632	4,511	...
	Value of shipments.....do...	686,237	556,586	(D)	(D)	129,651	(D)	(D)	676,852	9,385	2,779	6,606	...
2262	Finishing plants, synthetics:												
	Establishments:												
	Total.....number..	197	40	40	...	157	141	16	181	16	7	8	1
	With 20 or more emp....do...	132	34	34	...	98	95	3	129	3	1	1	1
	All employees:												
	Number.....	16,185	6,962	6,962	...	9,223	9,049	174	16,011	174	(D)	77	(D)
	Payroll.....\$1,000..	74,297	30,972	30,972	...	43,325	42,141	1,184	73,547	750	(D)	285	(D)
	Value added, adjusted....do...	114,825	48,531	48,531	...	66,294	64,806	1,488	113,337	1,488	(D)	750	(D)
	Value of shipments.....do...	210,568	102,695	102,695	...	107,873	104,811	3,062	207,506	3,062	(D)	2,113	(D)
2269	Finishing plants, nec.:												
	Establishments:												
	Total.....number..	155	29	28	1	126	104	22	132	23	12	11	...
	With 20 or more emp....do...	79	26	26	...	53	49	4	75	4	...	4	...
	All employees:												
	Number.....	7,808	3,959	(D)	(D)	3,849	(D)	(D)	7,503	305	59	246	...
	Payroll.....\$1,000..	28,814	13,795	(D)	(D)	15,019	(D)	(D)	27,775	1,039	193	846	...
	Value added, adjusted....do...	52,005	23,237	(D)	(D)	28,768	(D)	(D)	47,428	4,577	383	4,194	...
	Value of shipments.....do...	158,033	86,284	(D)	(D)	71,749	(D)	(D)	148,539	9,494	705	8,789	...
2271	Woven carpets and rugs:												
	Establishments:												
	Total.....number..	69	29	27	2	40	25	15	52	17	11	6	...
	With 20 or more emp....do...	47	29	27	2	18	15	3	42	5	3	2	...
	All employees:												
	Number.....	18,151	15,749	(D)	(D)	2,402	(D)	(D)	17,912	239	130	109	...
	Payroll.....\$1,000..	74,395	64,217	(D)	(D)	10,178	(D)	(D)	73,653	742	431	311	...
	Value added, adjusted....do...	128,444	111,676	(D)	(D)	16,768	(D)	(D)	126,991	1,453	974	479	...
	Value of shipments.....do...	335,536	304,541	(D)	(D)	30,995	(D)	(D)	332,929	2,607	1,693	914	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
22	Textilemill products—Continued												
2272	Tufted carpets and rugs:												
	Establishments:												
	Total.....number..	92	23	23	...	69	51	18	74	18	8	10	...
	With 20 or more emp....do...	72	22	22	...	50	42	8	64	8	2	6	...
	All employees:												
	Number.....	11,528	6,628	6,628	...	4,900	4,188	712	10,816	712	120	592	...
	Payroll.....\$1,000..	36,313	21,837	21,837	...	14,476	12,907	1,569	34,744	1,569	335	1,234	...
	Value added, adjusted....do...	108,846	68,389	66,389	...	40,457	35,966	4,491	104,355	4,491	915	3,576	...
	Value of shipments.....do...	317,639	187,300	187,300	...	130,339	117,940	12,399	305,240	12,399	3,103	9,296	...
2279	Carpets and rugs, nec.:												
	Establishments:												
	Total.....number..	121	7	7	...	114	62	52	69	52	38	14	...
	With 20 or more emp....do...	53	6	6	...	47	35	12	41	12	8	4	...
	All employees:												
	Number.....	3,989	1,467	1,467	...	2,522	1,827	695	3,294	695	482	213	...
	Payroll.....\$1,000..	12,561	5,774	5,774	...	6,787	5,189	1,598	10,963	1,598	995	603	...
	Value added, adjusted....do...	23,176	10,868	10,868	...	12,308	9,173	3,135	20,041	3,135	1,947	1,188	...
	Value of shipments.....do...	54,533	29,876	29,876	...	24,657	18,245	6,412	48,121	6,412	3,984	2,428	...
2281	Yarn mills, except wool:												
	Establishments:												
	Total.....number..	356	164	164	...	192	166	26	330	26	13	13	...
	With 20 or more emp....do...	310	161	161	...	149	144	5	305	5	...	5	...
	All employees:												
	Number.....	67,836	42,105	42,105	...	25,731	25,370	361	67,475	361	61	300	...
	Payroll.....\$1,000..	179,782	111,872	111,872	...	67,910	66,604	1,306	178,476	1,306	158	1,148	...
	Value added, adjusted....do...	292,219	187,797	187,797	...	104,422	102,247	2,175	290,044	2,175	468	1,707	...
	Value of shipments.....do...	855,363	547,533	547,533	...	307,830	302,661	5,169	850,194	5,169	915	4,254	...
2282	Throwing and winding mills:												
	Establishments:												
	Total.....number..	195	48	48	...	147	107	40	155	40	26	14	...
	With 20 or more emp....do...	119	42	42	...	77	70	7	112	7	4	3	...
	All employees:												
	Number.....	11,862	6,239	6,239	...	5,623	5,177	446	11,416	446	269	177	...
	Payroll.....\$1,000..	37,580	20,488	20,488	...	17,092	15,840	1,252	36,328	1,252	743	509	...
	Value added, adjusted....do...	67,648	39,706	39,706	...	27,942	25,753	2,189	65,459	2,189	1,301	888	...
	Value of shipments.....do...	174,646	105,751	105,751	...	68,895	65,387	3,508	171,597	3,508	2,292	1,216	...
2283	Wool yarn mills:												
	Establishments:												
	Total.....number..	150	45	45	...	105	88	17	133	17	8	9	...
	With 20 or more emp....do...	122	42	42	...	80	74	6	116	6	2	4	...
	All employees:												
	Number.....	15,977	7,780	7,780	...	8,197	7,847	350	15,627	350	81	269	...
	Payroll.....\$1,000..	54,202	26,303	26,303	...	27,899	26,832	1,067	53,135	1,067	207	860	...
	Value added, adjusted....do...	91,212	46,544	46,544	...	44,668	42,924	1,744	89,468	1,744	367	1,377	...
	Value of shipments.....do...	273,584	151,758	151,758	...	121,826	118,595	3,231	270,353	3,231	822	2,409	...
2284	Thread mills:												
	Establishments:												
	Total.....number..	86	41	39	2	45	32	13	71	15	7	8	...
	With 20 or more emp....do...	49	34	33	1	15	13	2	46	3	1	2	...
	All employees:												
	Number.....	11,213	9,706	(D)	(D)	1,507	(D)	(D)	11,061	152	53	99	...
	Payroll.....\$1,000..	35,479	30,260	(D)	(D)	5,219	(D)	(D)	35,048	431	158	273	...
	Value added, adjusted....do...	62,965	55,536	(D)	(D)	7,429	(D)	(D)	62,307	658	168	490	...
	Value of shipments.....do...	168,570	147,387	(D)	(D)	21,183	(D)	(D)	166,731	1,839	435	1,404	...
2291	Felt goods, nec.:												
	Establishments:												
	Total.....number..	66	15	14	1	51	38	13	52	14	7	5	2
	With 20 or more emp....do...	28	14	13	1	14	14	...	27	1	...	...	1
	All employees:												
	Number.....	4,573	2,773	(D)	(D)	1,800	(D)	(D)	4,338	235	15	(D)	(D)
	Payroll.....\$1,000..	21,268	12,646	(D)	(D)	8,622	(D)	(D)	20,321	947	35	(D)	(D)
	Value added, adjusted....do...	44,443	27,857	(D)	(D)	16,586	(D)	(D)	42,525	1,918	137	(D)	(D)
	Value of shipments.....do...	95,435	58,426	(D)	(D)	37,009	(D)	(D)	92,237	3,198	245	(D)	(D)
2292	Lace goods:												
	Establishments:												
	Total.....number..	208	23	23	...	185	112	73	136	72	48	24	...
	With 20 or more emp....do...	66	20	20	...	46	40	6	60	6	3	3	...
	All employees:												
	Number.....	6,689	3,462	3,462	...	3,227	2,674	553	6,136	553	307	246	...
	Payroll.....\$1,000..	25,764	13,543	13,543	...	12,221	10,566	1,655	24,109	1,655	921	734	...
	Value added, adjusted....do...	34,247	16,449	16,449	...	17,798	14,956	2,842	31,405	2,842	1,512	1,330	...
	Value of shipments.....do...	63,282	30,409	30,409	...	32,873	28,196	4,677	58,605	4,677	2,569	2,108	...
2293	Padding and upholstery filling:												
	Establishments:												
	Total.....number..	196	47	41	6	149	108	41	149	47	20	27	...
	With 20 or more emp....do...	83	35	33	2	48	39	9	72	11	3	8	...
	All employees:												
	Number.....	7,139	4,277	(D)	(D)	2,862	(D)	(D)	6,354	785	448	337	...
	Payroll.....\$1,000..	29,510	16,960	(D)	(D)	12,550	(D)	(D)	27,053	2,457	1,272	1,185	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
22	Textile mill products—Continued												
	Padding and upholstery filling—Continued												
	Value added, adjusted, \$1,000..	57,303	33,153	(D)	(D)	24,150	(D)	(D)	50,647	6,656	3,062	3,594	...
	Value of shipments.....do...	139,565	75,932	(D)	(D)	63,633	(D)	(D)	123,383	16,182	6,519	9,663	...
2294	Processed textile waste:												
	Establishments:												
	Total.....number..	183	25	23	2	158	107	51	130	53	27	25	1
	With 20 or more emp....do...	68	18	17	1	50	44	6	61	7	1	6	...
	All employees:												
	Number.....	4,607	1,305	(D)	(D)	3,302	(D)	(D)	3,983	624	(D)	453	(D)
	Payroll.....\$1,000..	17,038	4,417	(D)	(D)	12,621	(D)	(D)	15,141	1,897	(D)	1,421	(D)
	Value added, adjusted.....do...	31,100	8,658	(D)	(D)	22,442	(D)	(D)	26,106	4,994	(D)	3,850	(D)
	Value of shipments.....do...	93,459	27,755	(D)	(D)	65,704	(D)	(D)	80,531	12,928	(D)	10,611	(D)
2295	Coated fabric, not rubberized:												
	Establishments:												
	Total.....number..	126	35	34	1	91	80	11	114	12	7	5	...
	With 20 or more emp....do...	64	28	27	1	36	36	...	63	1	...	1	...
	All employees:												
	Number.....	10,182	6,361	(D)	(D)	3,821	(D)	(D)	10,057	125	24	101	...
	Payroll.....\$1,000..	53,980	34,367	(D)	(D)	19,613	(D)	(D)	53,385	595	104	491	...
	Value added, adjusted.....do...	100,420	62,262	(D)	(D)	38,158	(D)	(D)	98,962	1,458	308	1,150	...
	Value of shipments.....do...	246,616	156,468	(D)	(D)	90,148	(D)	(D)	244,012	2,604	654	1,950	...
2296	Tire cord and fabric:												
	Establishments:												
	Total.....number..	23	23	23	...	...	...	...	23	...	...	...	...
	With 20 or more emp....do...	23	23	23	...	...	...	...	23	...	...	...	...
	All employees:												
	Number.....	12,214	12,214	12,214	...	...	...	...	12,214	...	...	...	...
	Payroll.....\$1,000..	36,063	36,063	36,063	...	...	...	...	36,063	...	...	...	...
	Value added, adjusted.....do...	69,844	69,844	69,844	...	...	...	...	69,844	...	...	...	...
	Value of shipments.....do...	375,790	375,790	375,790	...	...	...	...	375,790	...	...	...	...
2297	Scouring and combing plants:												
	Establishments:												
	Total.....number..	81	13	11	2	68	57	11	68	13	10	3	...
	With 20 or more emp....do...	46	12	10	2	34	33	1	43	3	1	2	...
	All employees:												
	Number.....	6,075	2,432	(D)	(D)	3,643	(D)	(D)	5,878	197	(D)	(D)	...
	Payroll.....\$1,000..	22,663	9,119	(D)	(D)	13,544	(D)	(D)	21,939	724	(D)	(D)	...
	Value added, adjusted.....do...	36,073	17,386	(D)	(D)	18,687	(D)	(D)	34,671	1,402	(D)	(D)	...
	Value of shipments.....do...	87,567	56,443	(D)	(D)	31,124	(D)	(D)	85,759	1,808	(D)	(D)	...
2298	Cordage and twine:												
	Establishments:												
	Total.....number..	147	42	42	...	105	64	41	106	41	33	8	...
	With 20 or more emp....do...	71	36	36	...	35	32	3	68	3	1	2	...
	All employees:												
	Number.....	9,583	6,344	6,344	...	3,239	2,915	324	9,259	324	155	169	...
	Payroll.....\$1,000..	33,134	22,657	22,657	...	10,477	9,622	855	32,279	855	452	403	...
	Value added, adjusted.....do...	65,106	46,416	46,416	...	18,690	16,870	1,820	63,286	1,820	974	846	...
	Value of shipments.....do...	141,579	102,103	102,103	...	39,476	34,714	4,762	136,817	4,762	2,440	2,322	...
2299	Textile goods, nec.:												
	Establishments:												
	Total.....number..	138	37	34	3	101	74	27	108	30	22	7	1
	With 20 or more emp....do...	49	26	26	...	23	23	...	49	...	...	...	...
	All employees:												
	Number.....	7,862	6,120	6,108	12	1,742	1,653	89	7,761	101	(D)	49	(D)
	Payroll.....\$1,000..	32,505	25,940	25,858	82	6,565	6,331	234	32,243	262	(D)	143	(D)
	Value added, adjusted.....do...	60,841	48,998	48,941	57	11,843	11,378	465	60,319	522	(D)	682	(D)
	Value of shipments.....do...	134,623	103,917	103,800	117	30,706	27,594	3,112	131,394	3,229	(D)	2,554	(D)
23	Apparel and related products:												
	Establishments:												
	Total.....number..	29,297	2,428	2,228	200	26,869	14,499	12,370	16,727	12,570	7,421	5,135	14
	With 20 or more emp....do...	13,008	2,115	1,963	152	10,893	7,406	3,487	9,369	3,639	1,578	2,052	9
	All employees:												
	Number.....	1,180,517	391,160	377,726	13,434	789,357	571,806	217,551	949,532	230,985	95,679	134,419	887
	Payroll.....\$1,000..	3,585,646	1,150,623	1,117,035	33,588	2,435,023	1,837,143	597,880	2,954,178	631,468	246,190	382,961	2,317
	Production workers:												
	Number.....	1,031,784	344,248	332,029	12,219	687,536	490,754	196,782	822,783	209,001	86,761	121,430	810
	Man-hours.....1,000..	1,836,564	617,648	595,771	21,877	1,218,916	878,366	340,550	1,474,137	362,427	146,963	214,196	1,268
	Wages.....\$1,000..	2,770,570	889,231	861,328	27,903	1,881,339	1,359,125	522,214	2,220,453	550,117	219,240	329,132	1,745
	Value added, adjusted.....do...	6,003,853	2,013,776	1,954,662	59,114	3,990,077	2,981,458	1,008,619	4,936,120	1,067,733	395,287	669,856	2,590
	Capital expend., new.....do...	89,450	22,711	21,777	934	67,139	46,344	20,795	68,121	21,729	11,030	10,392	307
2311	Men's and boys' suits and coats:												
	Establishments:												
	Total.....number..	1,365	195	189	6	1,170	715	455	904	461	250	210	1
	With 20 or more emp....do...	763	168	162	6	595	428	167	590	173	64	109	...
	All employees:												
	Number.....	122,205	59,065	58,723	342	63,140	49,753	13,387	108,476	13,729	(D)	8,616	(D)
	Payroll.....\$1,000..	407,986	198,994	197,971	1,023	208,992	169,217	39,775	367,188	40,798	(D)	26,285	(D)

See footnotes at end of table.

TYPE OF ORGANIZATION

3-13

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
23	Apparel and related products—Continued												
	Men's and boys' suits and coats—Continued												
	Value added, adjusted...\$1,000..	642,510	328,537	326,131	2,406	313,973	252,396	61,577	578,527	63,983	(D)	42,665	(D)
	Value of shipments.....do...	1,295,362	652,988	648,208	4,780	642,374	532,220	110,154	1,180,428	114,934	(D)	81,584	(D)
2321	Men's dress shirts & nightwear: Establishments:												
	Total.....number..	880	257	246	11	623	444	179	690	190	105	84	1
	With 20 or more emp....do...	606	230	220	10	376	288	88	508	98	45	52	1
	All employees:												
	Number.....	103,596	59,182	57,402	1,780	44,414	37,599	6,815	95,001	8,595	(D)	5,466	(D)
	Payroll.....\$1,000..	254,139	144,660	140,416	4,244	109,479	93,340	16,139	233,756	20,383	(D)	13,350	(D)
	Value added, adjusted....do...	421,876	257,835	252,319	5,516	164,041	140,487	23,554	392,806	29,070	(D)	19,732	(D)
	Value of shipments.....do...	967,223	573,031	563,621	9,410	394,192	347,426	46,766	911,047	56,176	(D)	43,029	(D)
2322	Men's and boys' underwear: Establishments:												
	Total.....number..	91	38	38	...	53	39	14	77	14	10	4	...
	With 20 or more emp....do...	73	83	38	...	35	31	4	69	4	2	2	...
	All employees:												
	Number.....	12,326	9,039	9,039	...	3,287	3,055	232	12,094	232	117	115	...
	Payroll.....\$1,000..	30,285	22,484	22,484	...	7,801	7,329	472	29,813	472	252	220	...
	Value added, adjusted....do...	51,621	41,074	41,074	...	10,547	9,893	654	50,967	654	389	265	...
	Value of shipments.....do...	121,646	95,720	95,720	...	25,926	24,852	1,074	120,572	1,074	653	421	...
2323	Men's and boys' neckwear: Establishments:												
	Total.....number..	362	9	9	...	353	164	189	173	189	128	61	...
	With 20 or more emp....do...	111	8	8	...	103	69	34	77	34	17	17	...
	All employees:												
	Number.....	7,734	951	951	...	6,783	4,440	2,343	5,391	2,343	1,170	1,173	...
	Payroll.....\$1,000..	26,835	3,627	3,627	...	23,208	17,154	6,054	20,781	3,023	3,023	3,031	...
	Value added, adjusted....do...	48,938	7,956	7,956	...	40,982	29,501	11,481	37,457	11,481	5,809	5,672	...
	Value of shipments.....do...	102,405	15,382	15,382	...	87,023	63,625	23,398	79,007	23,398	11,128	12,270	...
2327	Separate trousers: Establishments:												
	Total.....number..	748	97	89	8	651	329	322	418	330	192	138	...
	With 20 or more emp....do...	367	90	85	5	277	186	91	271	96	35	61	...
	All employees:												
	Number.....	51,632	17,696	17,448	248	33,936	26,419	7,517	43,867	7,765	2,753	5,012	...
	Payroll.....\$1,000..	134,027	44,087	43,568	519	89,940	70,667	19,273	114,235	23,266	7,179	12,613	...
	Value added, adjusted....do...	209,050	68,444	67,319	1,125	140,606	108,790	31,816	176,109	32,941	11,942	20,999	...
	Value of shipments.....do...	452,414	154,163	150,700	3,463	298,251	238,775	59,476	389,475	62,939	21,015	41,924	...
2328	Work clothing: Establishments:												
	Total.....number..	500	203	192	11	297	202	95	394	106	54	52	...
	With 20 or more emp....do...	396	197	186	11	199	152	47	338	58	19	39	...
	All employees:												
	Number.....	64,780	41,261	39,408	1,853	23,519	19,990	3,529	49,398	5,382	1,265	4,117	...
	Payroll.....\$1,000..	154,834	98,080	94,107	3,973	56,754	49,035	7,719	143,142	11,692	2,550	9,142	...
	Value added, adjusted....do...	255,481	165,578	158,839	6,739	89,903	77,803	12,100	236,642	18,839	4,228	14,611	...
	Value of shipments.....do...	689,819	454,308	436,527	17,781	235,511	206,371	29,140	642,898	46,921	12,383	34,538	...
2329	Men's and boys' clothing, nec.: Establishments:												
	Total.....number..	539	74	69	5	465	299	166	368	171	92	79	...
	With 20 or more emp....do...	324	61	57	4	263	199	64	256	68	21	47	...
	All employees:												
	Number.....	32,392	7,853	(D)	(D)	24,539	(D)	(D)	27,792	4,600	1,293	3,307	...
	Payroll.....\$1,000..	93,119	22,327	(D)	(D)	70,792	(D)	(D)	80,809	12,310	3,115	9,195	...
	Value added, adjusted....do...	149,951	41,427	(D)	(D)	108,524	(D)	(D)	127,752	22,199	5,483	16,716	...
	Value of shipments.....do...	365,963	134,920	(D)	(D)	231,043	(D)	(D)	322,036	43,927	11,539	32,388	...
2331	Blouses: Establishments:												
	Total.....number..	1,260	43	33	10	1,217	651	566	684	576	335	240	1
	With 20 or more emp....do...	735	41	31	10	694	392	302	423	312	159	153	...
	All employees:												
	Number.....	47,484	3,975	3,136	839	43,509	26,416	17,093	29,552	17,932	(D)	9,567	(D)
	Payroll.....\$1,000..	125,581	10,614	8,767	1,847	114,967	76,095	38,872	84,862	40,719	(D)	22,544	(D)
	Value added, adjusted....do...	200,164	18,777	16,424	2,353	181,387	123,703	57,684	140,127	60,037	(D)	35,027	(D)
	Value of shipments.....do...	454,103	44,182	40,408	3,774	409,921	322,083	87,838	362,491	91,612	(D)	55,480	(D)
2335	Dresses: Establishments:												
	Total.....number..	4,653	305	255	50	4,348	2,523	1,825	2,778	1,875	1,061	812	2
	With 20 or more emp....do...	2,899	270	229	41	2,629	1,585	1,044	1,814	1,085	541	542	2
	All employees:												
	Number.....	184,717	34,794	31,882	2,912	149,923	97,274	52,649	129,156	55,561	(D)	29,683	(D)
	Payroll.....\$1,000..	587,976	105,525	98,382	7,143	482,451	334,499	147,952	432,881	155,095	(D)	87,339	(D)
	Value added, adjusted....do...	970,963	184,683	172,550	12,133	786,280	561,434	224,846	733,984	236,979	(D)	140,852	(D)
	Value of shipments.....do...	2,043,422	422,214	397,898	24,316	1,621,208	1,260,427	360,781	1,658,325	385,097	(D)	253,231	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
23	Apparel and related products—Continued												
2337	Women's suits, coats & skirts: Establishments:												
	Total.....number..	2,683	93	82	11	2,590	1,625	965	1,707	976	522	454	...
	With 20 or more emp....do...	1,350	74	66	8	1,276	891	385	957	393	174	219	...
	All employees:												
	Number.....	84,145	9,091	8,699	392	75,054	54,382	20,672	63,081	21,064	8,866	12,198	...
	Payroll.....\$1,000..	309,671	31,272	29,915	1,357	278,399	212,913	65,486	242,828	66,843	25,149	41,694	...
	Value added, adjusted....do...	514,901	51,855	49,252	2,603	463,046	355,589	107,457	404,841	110,060	38,132	71,928	...
	Value of shipments.....do...	1,233,227	134,234	125,945	8,289	1,098,993	888,988	210,005	1,014,933	218,294	60,493	157,801	...
2339	Women's outerwear, nec.: Establishments:												
	Total.....number..	1,155	85	78	7	1,070	614	456	692	463	278	184	1
	With 20 or more emp....do...	553	76	71	5	477	335	142	406	147	64	82	1
	All employees:												
	Number.....	43,663	12,474	12,027	447	31,189	22,667	8,522	34,694	8,969	(D)	4,890	(D)
	Payroll.....\$1,000..	130,779	40,928	39,740	1,188	89,851	69,126	20,725	108,866	21,913	(D)	12,566	(D)
	Value added, adjusted....do...	227,598	76,740	74,953	1,787	150,858	114,683	36,175	189,636	37,962	(D)	22,325	(D)
	Value of shipments.....do...	506,298	175,715	172,146	3,569	330,583	262,644	67,939	434,790	71,508	(D)	44,937	(D)
2341	Women's & children's underwear: Establishments:												
	Total.....number..	1,231	152	139	13	1,079	696	383	835	396	193	201	2
	With 20 or more emp....do...	720	141	129	12	579	404	175	533	187	67	118	2
	All employees:												
	Number.....	73,527	25,758	24,908	850	47,769	36,803	10,966	61,711	11,816	(D)	7,851	(D)
	Payroll.....\$1,000..	199,652	69,346	67,240	2,106	130,306	103,650	26,656	170,890	28,762	(D)	19,941	(D)
	Value added, adjusted....do...	347,705	132,406	128,894	3,512	215,299	168,334	46,965	297,228	50,477	(D)	35,076	(D)
	Value of shipments.....do...	814,721	297,989	290,554	7,435	516,732	412,241	104,491	702,795	111,926	(D)	85,420	(D)
2342	Corsets and allied garments: Establishments:												
	Total.....number..	414	111	109	2	303	240	63	349	65	34	31	...
	With 20 or more emp....do...	279	101	100	1	178	157	21	257	22	8	14	...
	All employees:												
	Number.....	37,808	20,997	(D)	(D)	16,811	(D)	(D)	36,221	1,587	544	1,043	...
	Payroll.....\$1,000..	121,939	68,069	(D)	(D)	53,870	(D)	(D)	117,820	4,119	1,360	2,759	...
	Value added, adjusted....do...	248,543	158,326	(D)	(D)	90,217	(D)	(D)	241,561	6,982	2,413	4,569	...
	Value of shipments.....do...	467,485	289,360	(D)	(D)	178,125	(D)	(D)	455,208	12,277	3,925	8,352	...
2351	Millinery: Establishments:												
	Total.....number..	803	14	13	1	789	489	300	502	301	181	119	1
	With 20 or more emp....do...	284	11	11	...	273	211	62	222	62	25	37	...
	All employees:												
	Number.....	17,838	1,283	(D)	(D)	16,555	(D)	(D)	13,897	3,941	(D)	2,185	(D)
	Payroll.....\$1,000..	64,095	4,828	(D)	(D)	59,267	(D)	(D)	51,399	12,696	(D)	7,548	(D)
	Value added, adjusted....do...	109,133	7,155	(D)	(D)	101,978	(D)	(D)	84,945	24,188	(D)	14,089	(D)
	Value of shipments.....do...	190,263	12,579	(D)	(D)	177,684	(D)	(D)	146,898	43,365	(D)	24,872	(D)
2352	Hats and caps: Establishments:												
	Total.....number..	446	39	37	2	407	193	214	230	216	123	93	...
	With 20 or more emp....do...	169	36	35	1	133	98	35	133	36	9	27	...
	All employees:												
	Number.....	17,701	7,195	(D)	(D)	10,506	(D)	(D)	14,874	2,827	935	1,892	...
	Payroll.....\$1,000..	59,334	26,695	(D)	(D)	32,639	(D)	(D)	51,182	8,152	2,635	5,517	...
	Value added, adjusted....do...	91,298	40,607	(D)	(D)	50,691	(D)	(D)	77,029	14,269	4,985	9,284	...
	Value of shipments.....do...	170,692	73,838	(D)	(D)	96,854	(D)	(D)	143,677	27,015	9,446	17,569	...
2361	Children's dresses: Establishments:												
	Total.....number..	802	71	62	9	731	391	340	453	349	199	150	...
	With 20 or more emp....do...	487	59	55	4	428	263	165	318	169	86	83	...
	All employees:												
	Number.....	36,123	7,678	7,505	173	28,445	19,334	9,111	26,839	9,284	4,150	5,134	...
	Payroll.....\$1,000..	100,818	22,174	21,772	402	78,644	55,556	23,088	77,328	23,490	9,887	13,603	...
	Value added, adjusted....do...	167,094	37,819	37,144	675	129,275	91,280	37,995	128,424	38,670	15,332	23,338	...
	Value of shipments.....do...	355,372	88,632	87,626	1,006	266,740	198,921	67,819	286,547	68,825	21,890	46,935	...
2363	Children's coats: Establishments:												
	Total.....number..	370	30	27	3	340	216	124	243	127	66	61	...
	With 20 or more emp....do...	210	25	22	3	185	124	61	146	64	29	35	...
	All employees:												
	Number.....	12,798	1,903	1,735	168	10,895	7,359	3,536	9,094	3,704	1,441	2,263	...
	Payroll.....\$1,000..	42,435	6,679	6,176	503	35,756	24,952	10,804	31,128	11,307	3,766	7,541	...
	Value added, adjusted....do...	68,205	10,683	9,378	1,305	57,522	40,951	16,571	50,329	17,876	5,714	12,162	...
	Value of shipments.....do...	163,821	30,622	25,420	5,202	133,199	100,960	32,239	126,380	37,441	8,819	28,622	...
2369	Children's outerwear, nec.: Establishments:												
	Total.....number..	756	66	54	12	690	396	294	450	306	172	134	...
	With 20 or more emp....do...	377	62	51	11	315	221	96	272	105	28	77	...
	All employees:												
	Number.....	31,888	10,465	9,484	981	21,423	15,090	6,333	24,574	7,314	1,981	5,333	...
	Payroll.....\$1,000..	87,931	27,883	25,362	2,521	60,048	44,242	15,806	69,604	18,327	4,537	13,790	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies ²			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
23	Apparel and related products—Continued												
	Children's outerwear, nec.—Continued												
	Value added, adjusted, \$1,000..	146,050	47,375	42,739	4,636	98,675	69,944	28,731	112,683	33,367	7,694	25,673	...
	Value of shipments.....do...	324,052	96,959	86,255	10,704	227,093	171,352	55,741	257,607	66,445	17,414	49,031	...
2371	Fur goods:												
	Establishments:												
	Total.....number..	1,651	7	4	3	1,644	809	835	813	838	455	382	(D)
	With 20 or more emp....do...	78	2	2	...	76	57	19	59	19	2	17	...
	All employees:												
	Number.....	9,355	120	(D)	(D)	9,235	(D)	(D)	6,193	3,162	(D)	1,878	(D)
	Payroll.....\$1,000..	50,454	778	(D)	(D)	49,676	(D)	(D)	35,825	14,629	(D)	9,772	(D)
	Value added, adjusted.....do...	95,411	1,202	(D)	(D)	94,209	(D)	(D)	60,199	35,212	(D)	22,640	(D)
	Value of shipments.....do...	281,335	2,960	(D)	(D)	278,375	(D)	(D)	181,286	100,049	(D)	68,744	(D)
2381	Fabric dress and work gloves:												
	Establishments:												
	Total.....number..	228	71	71	...	157	73	84	144	84	58	26	...
	With 20 or more emp....do...	130	66	66	...	64	47	17	113	17	11	6	...
	All employees:												
	Number.....	13,941	9,691	9,691	...	4,250	3,207	1,043	12,898	1,043	642	401	...
	Payroll.....\$1,000..	32,870	22,360	22,360	...	10,510	8,029	2,481	30,389	2,481	1,561	920	...
	Value added, adjusted.....do...	53,930	36,919	36,919	...	17,011	12,223	4,788	49,142	3,220	1,568	...	...
	Value of shipments.....do...	118,749	81,025	81,025	...	37,724	27,650	10,074	108,675	10,074	7,001	3,073	...
2384	Robes and dressing gowns:												
	Establishments:												
	Total.....number..	278	14	14	...	264	129	135	143	135	72	63	...
	With 20 or more emp....do...	155	11	11	...	144	79	65	90	65	27	38	...
	All employees:												
	Number.....	10,625	1,606	1,606	...	9,019	5,851	3,168	7,457	3,168	1,382	1,786	...
	Payroll.....\$1,000..	30,461	4,624	4,624	...	25,837	17,900	7,937	22,524	7,937	3,441	4,496	...
	Value added, adjusted.....do...	56,442	8,241	8,241	...	48,201	33,944	14,257	42,185	14,257	5,258	8,999	...
	Value of shipments.....do...	132,671	20,737	20,737	...	111,934	83,154	28,780	103,891	28,780	11,173	17,607	...
2385	Waterproof outer garments:												
	Establishments:												
	Total.....number..	277	24	24	...	253	164	89	188	89	55	34	...
	With 20 or more emp....do...	136	20	20	...	116	84	32	104	32	14	18	...
	All employees:												
	Number.....	13,159	4,612	4,612	...	8,547	6,672	1,875	11,284	1,875	756	1,119	...
	Payroll.....\$1,000..	43,114	16,572	16,572	...	26,542	21,297	5,245	37,869	5,245	2,088	3,157	...
	Value added, adjusted.....do...	73,070	29,324	29,324	...	43,746	35,247	8,499	64,571	8,499	3,187	5,312	...
	Value of shipments.....do...	146,175	54,754	54,754	...	91,421	75,807	15,614	130,561	15,614	5,445	10,169	...
2386	Leather & sheep lined clothing:												
	Establishments:												
	Total.....number..	154	2	2	...	152	84	68	86	68	38	30	...
	With 20 or more emp....do...	71	1	1	...	70	51	19	52	19	7	12	...
	All employees:												
	Number.....	4,626	(D)	(D)	...	(D)	(D)	1,139	3,487	1,139	465	674	...
	Payroll.....\$1,000..	16,166	(D)	(D)	...	(D)	(D)	3,279	12,887	3,279	1,288	1,991	...
	Value added, adjusted.....do...	27,847	(D)	(D)	...	(D)	(D)	5,848	21,999	5,848	2,298	3,550	...
	Value of shipments.....do...	65,734	(D)	(D)	...	(D)	(D)	13,205	52,529	13,205	4,825	8,380	...
2387	Apparel belts:												
	Establishments:												
	Total.....number..	455	12	12	...	443	251	192	263	192	111	81	...
	With 20 or more emp....do...	144	11	11	...	133	108	25	119	25	9	16	...
	All employees:												
	Number.....	10,150	1,860	1,860	...	8,290	6,362	1,928	8,222	1,928	846	1,082	...
	Payroll.....\$1,000..	31,801	7,059	7,059	...	24,742	19,564	5,178	26,623	5,178	2,252	2,926	...
	Value added, adjusted.....do...	53,726	14,472	14,472	...	39,254	29,829	9,425	44,301	9,425	4,029	5,396	...
	Value of shipments.....do...	99,053	28,373	28,373	...	70,680	53,929	16,751	82,302	16,751	6,799	9,952	...
2389	Apparel, nec.:												
	Establishments:												
	Total.....number..	309	28	27	1	281	143	138	170	139	86	53	...
	With 20 or more emp....do...	93	21	20	1	72	58	14	78	15	4	11	...
	All employees:												
	Number.....	7,525	(D)	(D)	(D)	(D)	(D)	(D)	6,321	1,204	401	803	...
	Payroll.....\$1,000..	23,087	(D)	(D)	(D)	(D)	(D)	(D)	20,244	2,843	1,029	1,814	...
	Value added, adjusted.....do...	41,262	(D)	(D)	(D)	(D)	(D)	(D)	35,799	5,463	2,006	3,457	...
	Value of shipments.....do...	94,904	(D)	(D)	(D)	(D)	(D)	(D)	83,031	11,873	3,808	8,065	...
2391	Curtains and draperies:												
	Establishments:												
	Total.....number..	783	58	56	2	725	258	467	314	469	346	123	...
	With 20 or more emp....do...	206	47	47	...	159	124	35	171	35	16	19	...
	All employees:												
	Number.....	16,366	5,147	(D)	(D)	11,219	(D)	(D)	13,060	3,306	1,834	1,472	...
	Payroll.....\$1,000..	48,403	15,150	(D)	(D)	33,253	(D)	(D)	39,489	8,914	4,720	4,194	...
	Value added, adjusted.....do...	87,273	28,292	(D)	(D)	58,981	(D)	(D)	70,278	16,995	8,953	8,042	...
	Value of shipments.....do...	217,029	85,942	(D)	(D)	131,087	(D)	(D)	184,875	32,154	15,102	17,052	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹					
			Multunit companies			Single unit companies			Corporate	Noncorporate				
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²	
23	Apparel and related products—Continued													
2392	Housefurnishings, nec.: Establishments:													
	Total.....number..	1,205	115	101	14	1,090	522	568	623	582	377	202		
	With 20 or more emp....do...	393	94	84	10	299	225	74	309	84	30	51		3
	All employees:													
	Number.....	36,769	14,366	13,071	1,295	22,403	16,364	6,039	29,435	7,334	2,543	4,422	369	
	Payroll.....\$1,000..	113,402	45,607	42,091	3,516	67,795	51,677	16,118	93,768	19,634	6,557	11,961	1,116	
	Value added, adjusted....do...	218,295	90,089	81,578	8,511	128,206	94,147	34,059	175,725	42,570	13,135	28,580	855	
	Value of shipments.....do...	616,224	302,332	279,542	22,790	313,892	229,443	84,449	508,985	107,239	31,691	71,620	3,928	
2393	Textile bags: Establishments:													
	Total.....number..	237	40	40	...	197	106	91	146	91	64	27	...	
	With 20 or more emp....do...	101	37	37	...	64	55	9	92	9	5	4	...	
	All employees:													
	Number.....	9,114	4,412	4,412	...	4,702	3,792	910	8,204	910	368	542	...	
	Payroll.....\$1,000..	30,047	15,575	15,575	...	14,472	12,227	2,245	27,802	2,245	847	1,398	...	
	Value added, adjusted....do...	51,638	26,849	26,849	...	24,789	20,916	3,873	47,765	3,873	1,591	2,282	...	
	Value of shipments.....do...	204,379	106,144	106,144	...	98,235	87,027	11,208	193,171	11,208	4,226	6,982	...	
2394	Canvas products: Establishments:													
	Total.....number..	851	36	32	4	815	281	534	313	538	392	146	...	
	With 20 or more emp....do...	124	24	21	3	100	75	25	96	28	6	22	...	
	All employees:													
	Number.....	9,875	2,274	(D)	(D)	7,601	(D)	(D)	6,937	2,938	1,544	1,394	...	
	Payroll.....\$1,000..	35,175	8,039	(D)	(D)	27,136	(D)	(D)	26,205	8,970	4,450	4,520	...	
	Value added, adjusted....do...	53,696	9,513	(D)	(D)	44,183	(D)	(D)	37,065	16,631	7,788	8,843	...	
	Value of shipments.....do...	131,336	35,298	(D)	(D)	96,038	(D)	(D)	95,902	35,434	17,700	17,734	...	
2397	Schiffli machine embroideries: Establishments:													
	Total.....number..	703	8	8	...	695	245	450	253	450	226	224	...	
	With 20 or more emp....do...	48	5	5	...	43	29	14	34	14	2	12	...	
	All employees:													
	Number.....	5,739	278	278	...	5,461	2,881	2,580	3,159	2,580	947	1,633	...	
	Payroll.....\$1,000..	24,451	1,007	1,007	...	23,444	13,294	10,150	14,301	10,150	3,536	6,614	...	
	Value added, adjusted....do...	44,311	1,380	1,380	...	42,931	20,409	22,522	21,789	22,522	7,189	15,333	...	
	Value of shipments.....do...	75,484	2,623	2,623	...	72,861	36,495	36,366	39,118	36,366	11,184	25,182	...	
2398	Trimings & stitching: Establishments:													
	Total.....number..	2,189	65	58	7	2,124	854	1,270	912	1,277	785	492	...	
	With 20 or more emp....do...	414	39	37	2	375	257	118	294	120	33	87	...	
	All employees:													
	Number.....	32,986	7,896	7,783	113	25,090	15,386	9,704	23,169	9,817	4,361	5,456	...	
	Payroll.....\$1,000..	116,993	38,923	38,631	292	78,070	51,907	26,163	90,538	26,455	11,099	15,356	...	
	Value added, adjusted....do...	177,784	42,347	41,788	559	135,437	84,204	51,233	125,992	51,792	20,296	31,496	...	
	Value of shipments.....do...	431,890	176,522	175,616	906	255,368	174,362	81,006	349,978	81,912	32,534	49,378	...	
2399	Textile products, nec.: Establishments:													
	Total.....number..	919	66	58	8	853	354	499	412	507	361	145	1	
	With 20 or more emp....do...	212	49	45	4	163	123	40	168	44	19	25	...	
	All employees:													
	Number.....	17,930	6,057	5,707	350	11,873	8,287	3,586	13,994	3,936	(D)	1,912	(D)	
	Payroll.....\$1,000..	57,786	20,196	19,107	1,089	37,590	28,095	9,495	47,202	10,584	(D)	5,164	(D)	
	Value added, adjusted....do...	98,087	35,228	33,168	2,060	62,859	45,095	17,764	78,263	19,824	(D)	9,375	(D)	
	Value of shipments.....do...	247,113	101,531	96,533	4,998	145,582	107,658	37,924	204,191	42,922	(D)	22,139	(D)	
24	Lumber and wood products: Establishments:													
	Total.....number..	37,789	2,108	1,823	285	35,681	6,030	29,651	7,853	29,936	23,168	6,722	46	
	With 20 or more emp....do...	5,884	1,419	1,322	97	4,465	2,738	1,727	4,060	1,824	919	886	19	
	All employees:													
	Number.....	581,302	193,110	186,647	6,463	388,192	196,858	191,334	383,505	197,797	124,091	71,658	2,048	
	Payroll.....\$1,000..	1,986,109	782,357	761,870	20,487	1,203,752	740,381	463,371	1,502,251	483,858	274,569	199,769	9,520	
	Production workers:													
	Number.....	505,476	169,544	163,774	5,770	335,932	169,251	166,681	333,025	172,451	107,885	62,661	1,905	
	Man-hours.....1,000..	959,935	338,252	327,484	10,768	621,683	328,776	292,907	656,260	303,675	184,253	115,678	3,744	
	Wages.....\$1,000..	1,624,983	641,150	623,466	17,684	983,833	580,962	402,871	1,204,428	420,555	239,137	172,896	8,522	
	Value added, adjusted....do...	3,176,613	1,237,974	1,203,807	34,167	1,938,639	1,132,503	806,136	2,336,310	840,303	464,403	359,147	16,753	
	Capital expend., new....do...	276,893	83,416	81,608	1,808	193,477	77,072	116,405	158,680	118,213	79,710	38,075	428	
2411	Logging camps and contractors: Establishments:													
	Total.....number..	12,805	178	125	53	12,627	454	12,173	579	12,226	10,277	1,944	5	
	With 20 or more emp....do...	554	88	85	3	466	120	346	205	349	236	112	1	
	All employees:													
	Number.....	71,505	11,044	10,628	416	60,641	7,290	53,171	17,918	53,587	42,522	(D)	(D)	
	Payroll.....\$1,000..	226,742	54,036	52,418	1,618	172,945	34,524	138,421	86,942	140,039	101,934	(D)	(D)	
	Value added, adjusted....do...	387,418	75,689	72,771	2,918	311,851	56,281	255,570	129,052	258,488	181,086	(D)	(D)	
	Value of shipments.....do...	865,340	275,095	269,701	5,394	590,245	115,467	474,778	385,168	480,172	341,031	(D)	(D)	

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
24	Lumber and wood products—Continued												
2421	Sawmills and planing mills:												
	Establishments:												
	Total.....number..	15,636	682	553	129	14,954	1,899	13,055	2,452	13,184	9,819	3,352	13
	With 20 or more emp....do...	2,486	473	425	48	2,013	1,000	1,013	1,425	1,061	525	531	5
	All employees:												
	Number.....	245,687	74,380	71,179	3,201	171,307	67,766	103,541	138,945	106,742	64,238	42,009	495
	Payroll.....\$1,000..	770,296	310,690	299,685	11,005	459,606	242,555	217,051	542,240	228,056	121,864	104,479	1,713
	Value added, adjusted....do...	1,194,650	470,205	453,211	16,994	724,445	369,108	355,337	822,319	372,331	194,229	175,584	2,518
	Value of shipments.....do...	2,914,315	1,132,384	1,086,952	45,432	1,781,931	924,445	857,486	2,011,397	902,918	443,341	455,274	4,303
2426	Hardwood dimension & flooring:												
	Establishments:												
	Total.....number..	436	103	94	9	333	188	145	282	154	92	60	2
	With 20 or more emp....do...	263	88	82	6	175	140	35	222	41	17	24	...
	All employees:												
	Number.....	25,140	11,579	11,219	360	13,561	10,985	2,576	22,204	2,936	1,152	(D)	(D)
	Payroll.....\$1,000..	75,177	34,721	33,720	1,001	40,456	34,270	6,186	67,990	7,187	2,832	(D)	(D)
	Value added, adjusted....do...	110,354	50,839	48,936	1,903	59,515	48,832	10,683	97,768	12,586	4,773	(D)	(D)
	Value of shipments.....do...	260,645	125,986	121,255	4,731	134,659	110,814	23,845	232,069	28,576	10,279	(D)	(D)
2429	Special product sawmills, nec.:												
	Establishments:												
	Total.....number..	478	94	76	18	384	106	278	182	296	189	106	1
	With 20 or more emp....do...	105	46	42	4	59	35	24	77	28	5	23	...
	All employees:												
	Number.....	7,176	2,862	2,579	283	4,314	2,068	2,246	4,647	2,529	(D)	1,414	(D)
	Payroll.....\$1,000..	22,097	8,987	8,612	375	13,110	7,324	5,786	15,936	6,161	(D)	3,611	(D)
	Value added, adjusted....do...	36,123	13,434	12,489	945	22,689	11,661	11,028	24,150	11,973	(D)	6,919	(D)
	Value of shipments.....do...	89,381	39,725	37,639	2,086	49,656	26,134	23,522	63,773	25,608	(D)	14,117	(D)
2431	Millwork plants:												
	Establishments:												
	Total.....number..	3,163	182	163	19	2,981	1,290	1,691	1,453	1,710	1,177	526	7
	With 20 or more emp....do...	713	131	124	7	582	490	92	614	99	33	65	1
	All employees:												
	Number.....	61,962	18,413	18,018	395	43,549	34,016	9,533	52,034	9,928	5,115	4,703	110
	Payroll.....\$1,000..	267,997	78,862	77,708	1,154	189,135	151,499	37,636	229,207	38,790	19,320	18,998	472
	Value added, adjusted....do...	412,548	122,586	120,537	2,049	289,962	226,157	63,805	346,694	65,854	33,228	32,024	602
	Value of shipments.....do...	1,049,371	335,131	329,852	5,279	714,440	557,891	156,549	887,243	161,828	79,099	81,406	1,323
2432	Veneer and plywood plants:												
	Establishments:												
	Total.....number..	588	173	166	7	415	318	97	484	104	42	53	9
	With 20 or more emp....do...	450	156	152	4	294	251	43	403	47	7	33	7
	All employees:												
	Number.....	59,346	29,874	29,618	256	29,472	25,562	3,910	55,180	4,166	514	2,546	1,106
	Payroll.....\$1,000..	240,821	129,249	128,724	525	111,572	96,828	14,744	225,552	15,269	1,696	7,440	6,133
	Value added, adjusted....do...	390,131	211,591	210,829	762	178,540	151,283	27,257	362,112	28,019	2,346	14,124	11,549
	Value of shipments.....do...	884,111	467,111	465,705	1,435	416,971	358,226	58,745	823,931	60,180	7,583	30,178	22,419
2433	Prefabricated wood products:												
	Establishments:												
	Total.....number..	374	43	42	1	331	235	96	277	97	62	35	...
	With 20 or more emp....do...	150	37	37	...	113	104	9	141	9	2	7	...
	All employees:												
	Number.....	13,550	5,350	(D)	(D)	8,200	(D)	(D)	12,572	978	444	534	...
	Payroll.....\$1,000..	61,984	27,048	(D)	(D)	34,936	(D)	(D)	58,460	3,524	1,426	2,098	...
	Value added, adjusted....do...	122,344	57,172	(D)	(D)	65,172	(D)	(D)	113,458	8,886	2,606	6,280	...
	Value of shipments.....do...	322,279	147,260	(D)	(D)	175,019	(D)	(D)	301,995	20,284	7,116	13,168	...
2441	Nailed wooden boxes and shook:												
	Establishments:												
	Total.....number..	885	96	84	12	789	338	451	422	463	314	148	1
	With 20 or more emp....do...	258	69	62	7	189	156	33	218	40	17	23	...
	All employees:												
	Number.....	20,916	7,840	7,494	346	13,076	9,619	3,457	17,113	3,803	(D)	1,879	(D)
	Payroll.....\$1,000..	68,517	27,082	26,091	991	41,435	32,064	9,371	58,155	10,362	(D)	5,366	(D)
	Value added, adjusted....do...	102,248	38,894	37,182	1,712	63,354	46,579	16,775	83,761	18,487	(D)	9,624	(D)
	Value of shipments.....do...	235,709	94,191	89,902	4,289	141,518	103,035	38,483	192,937	42,772	(D)	21,651	(D)
2442	Wirebound boxes and crates:												
	Establishments:												
	Total.....number..	98	39	37	2	59	26	33	63	35	22	12	1
	With 20 or more emp....do...	59	36	34	2	23	21	2	55	4	1	2	1
	All employees:												
	Number.....	9,366	6,034	(D)	(D)	3,332	(D)	(D)	8,689	677	(D)	484	(D)
	Payroll.....\$1,000..	26,113	17,594	(D)	(D)	8,519	(D)	(D)	24,304	1,809	(D)	1,340	(D)
	Value added, adjusted....do...	43,109	28,767	(D)	(D)	14,342	(D)	(D)	39,350	3,159	(D)	2,138	(D)
	Value of shipments.....do...	93,388	63,020	(D)	(D)	30,368	(D)	(D)	85,935	7,453	(D)	5,050	(D)
2443	Veneer and plywood containers:												
	Establishments:												
	Total.....number..	105	13	11	2	92	60	32	71	34	21	13	...
	With 20 or more emp....do...	65	13	11	2	52	35	17	46	19	11	8	...
	All employees:												
	Number.....	5,416	1,485	(D)	(D)	3,931	(D)	(D)	4,300	1,116	486	630	...
	Payroll.....\$1,000..	12,850	3,579	(D)	(D)	9,271	(D)	(D)	10,518	2,332	993	1,339	...
	Value added, adjusted....do...	18,323	4,684	(D)	(D)	13,639	(D)	(D)	14,370	3,953	1,454	2,499	...
	Value of shipments.....do...	30,271	7,786	(D)	(D)	22,485	(D)	(D)	23,306	6,965	2,525	4,440	...
2445	Cooperage:												
	Establishments:												
	Total.....number..	190	83	83	...	107	29	78	112	78	56	22	...
	With 20 or more emp....do...	35	20	20	...	15	11	4	31	4	4	...	...
	All employees:												
	Number.....	3,871	2,454	2,454	...	1,417	875	542	3,329	542	391	151	...
	Payroll.....\$1,000..	14,268	9,990	9,990	...	4,278	3,200	1,078	13,190	1,078	776	302	...
	Value added, adjusted....do...	19,843	13,404	13,404	...	6,439	4,565	1,874	17,969	1,874	1,315	559	...
	Value of shipments.....do...	70,070	54,416	54,416	...	15,654	10,133	5,521	64,549	5,521	4,184	1,337	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
24	Lumber and wood products—Continued												
2491	Wood preserving:												
	Establishments:												
	Total.....number..	306	144	141	3	162	93	69	234	72	39	33	...
	With 20 or more emp....do...	148	108	106	2	40	32	8	138	10	1	9	...
	All employees:												
	Number.....	10,933	8,016	(D)	(D)	2,917	(D)	(D)	10,220	713	224	489	...
	Payroll.....\$1,000..	36,625	27,400	(D)	(D)	9,225	(D)	(D)	34,608	2,017	602	1,415	...
	Value added, adjusted....do...	72,508	57,293	(D)	(D)	15,215	(D)	(D)	68,504	4,004	1,058	2,946	...
	Value of shipments.....do...	202,957	160,212	(D)	(D)	42,745	(D)	(D)	139,117	9,840	2,585	7,255	...
2499	Wood products, nec.:												
	Establishments:												
	Total.....number..	2,725	278	248	30	2,447	994	1,453	1,242	1,483	1,058	418	7
	With 20 or more emp....do...	598	154	142	12	444	343	101	485	113	60	49	4
	All employees:												
	Number.....	46,434	13,779	13,129	650	32,655	23,225	9,430	36,354	10,080	5,840	4,023	217
	Payroll.....\$1,000..	162,622	53,119	50,889	2,230	109,503	84,260	25,243	135,149	27,473	15,545	11,180	748
	Value added, adjusted....do...	267,014	93,416	89,089	4,327	173,598	127,114	46,484	216,203	50,811	27,955	21,564	1,292
	Value of shipments.....do...	522,333	179,756	171,172	8,584	342,577	250,052	92,525	421,224	101,109	56,179	42,365	2,565
25	Furniture and fixtures:												
	Establishments:												
	Total.....number..	10,160	803	735	68	9,357	4,692	4,665	5,427	4,733	3,240	1,486	7
	With 20 or more emp....do...	3,175	636	608	28	2,539	2,153	386	2,761	414	165	247	2
	All employees:												
	Number.....	347,599	129,772	(D)	(D)	217,827	(D)	(D)	310,661	36,938	18,158	18,515	265
	Payroll.....\$1,000..	1,388,669	549,807	(D)	(D)	838,862	(D)	(D)	1,259,555	129,114	62,384	66,003	727
	Production workers:												
	Number.....	287,489	104,968	(D)	(D)	182,521	(D)	(D)	255,580	31,909	15,852	15,867	190
	Man-hours.....\$1,000..	565,142	208,498	(D)	(D)	356,644	(D)	(D)	505,805	59,337	28,758	30,328	251
	Wages.....\$1,000..	1,021,844	395,226	(D)	(D)	626,618	(D)	(D)	912,925	108,919	53,959	54,474	486
	Value added, adjusted....do...	2,349,488	981,427	(D)	(D)	1,368,061	(D)	(D)	2,111,618	237,870	110,474	126,478	918
	Capital expend., new....do...	81,746	31,968	(D)	(D)	49,778	(D)	(D)	69,679	12,067	7,860	4,177	30
2511	Wood furniture not upholstered:												
	Establishments:												
	Total.....number..	2,816	220	207	13	2,596	1,286	1,310	1,493	1,323	922	400	1
	With 20 or more emp....do...	931	186	182	4	745	646	99	828	103	37	66	...
	All employees:												
	Number.....	125,320	44,641	44,197	444	80,679	70,547	10,132	144,744	10,576	5,118	(D)	(D)
	Payroll.....\$1,000..	442,181	164,418	163,216	1,202	277,763	244,950	32,813	408,166	34,015	16,718	(D)	(D)
	Value added, adjusted....do...	704,660	263,988	261,608	2,380	440,672	383,261	57,411	644,869	59,791	29,405	(D)	(D)
	Value of shipments.....do...	1,378,630	530,758	525,796	4,962	847,872	734,989	112,883	1,260,785	117,845	58,845	(D)	(D)
2512	Wood furniture, upholstered:												
	Establishments:												
	Total.....number..	1,761	131	115	16	1,630	927	703	1,042	719	449	269	1
	With 20 or more emp....do...	683	105	95	10	578	491	87	586	97	49	48	...
	All employees:												
	Number.....	61,485	18,005	17,507	498	43,480	36,658	6,822	54,165	7,320	(D)	3,676	(D)
	Payroll.....\$1,000..	233,646	72,479	70,289	2,190	161,167	137,484	23,683	207,773	25,873	(D)	13,742	(D)
	Value added, adjusted....do...	391,243	132,027	128,700	3,327	259,216	216,969	42,247	345,669	45,574	(D)	25,228	(D)
	Value of shipments.....do...	783,100	260,870	253,621	7,249	522,230	438,391	83,839	692,012	91,088	(D)	50,524	(D)
2514	Metal household furniture:												
	Establishments:												
	Total.....number..	627	65	61	4	562	369	193	430	197	125	70	2
	With 20 or more emp....do...	273	57	53	4	216	192	24	245	28	13	15	...
	All employees:												
	Number.....	30,704	11,656	11,083	573	19,048	17,102	1,946	28,185	2,519	(D)	1,533	(D)
	Payroll.....\$1,000..	125,627	53,086	51,598	1,488	72,541	66,518	6,023	118,116	7,511	(D)	4,488	(D)
	Value added, adjusted....do...	218,746	92,612	89,838	2,774	126,134	112,561	13,573	202,399	16,347	(D)	10,323	(D)
	Value of shipments.....do...	501,147	209,469	201,430	8,039	291,678	261,343	30,335	462,773	38,374	(D)	24,932	(D)
2515	Mattresses and bedsprings:												
	Establishments:												
	Total.....number..	1,215	122	104	18	1,093	498	595	602	613	426	185	2
	With 20 or more emp....do...	377	96	90	6	281	229	52	319	58	20	36	2
	All employees:												
	Number.....	31,703	12,782	12,360	422	18,921	14,492	4,429	26,852	4,851	(D)	2,423	(D)
	Payroll.....\$1,000..	132,258	55,922	54,672	1,250	76,336	61,714	14,622	116,386	15,782	(D)	8,501	(D)
	Value added, adjusted....do...	248,801	111,395	109,144	2,251	137,406	109,131	28,275	218,275	30,526	(D)	17,658	(D)
	Value of shipments.....do...	572,150	238,070	231,711	6,359	334,080	261,838	72,242	493,549	78,601	(D)	44,329	(D)
2519	Household furniture, nec.:												
	Establishments:												
	Total.....number..	93	12	12	...	81	42	39	54	39	24	15	...
	With 20 or more emp....do...	32	10	10	...	22	16	6	26	6	1	5	...
	All employees:												
	Number.....	2,205	1,004	1,004	...	1,201	839	362	1,843	362	162	200	...
	Payroll.....\$1,000..	8,383	4,113	4,113	...	4,270	2,955	1,315	7,068	1,315	524	791	...
	Value added, adjusted....do...	16,176	8,746	8,746	...	7,430	4,721	2,709	13,467	2,709	768	1,941	...
	Value of shipments.....do...	30,643	15,856	15,856	...	14,787	9,275	5,512	25,131	5,512	1,497	4,015	...
2521	Wood office furniture:												
	Establishments:												
	Total.....number..	150	15	15	...	135	83	52	98	52	32	19	1
	With 20 or more emp....do...	56	12	12	...	44	37	7	49	7	4	3	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
25	Furniture and fixtures—Continued												
	Wood office furniture—Continued												
	All employees:												
	Number.....	5,821	1,240	1,240	...	4,581	4,121	460	5,361	460	248	(D)	(D)
	Payroll.....\$1,000..	23,516	4,728	4,728	...	18,788	17,123	1,665	21,851	1,665	851	(D)	(D)
	Value added, adjusted....do...	38,427	8,183	8,183	...	30,244	27,279	2,965	35,462	2,965	1,521	(D)	(D)
	Value of shipments.....do...	68,392	14,527	14,527	...	53,865	48,505	5,360	63,032	5,360	2,661	(D)	(D)
2522	Metal office furniture:												
	Establishments:												
	Total.....number..	151	30	30	...	121	94	27	124	27	20	7	...
	With 20 or more emp....do...	88	28	28	...	60	56	4	84	4	2	2	...
	All employees:												
	Number.....	17,469	11,769	11,769	...	5,700	5,438	262	17,207	262	135	127	...
	Payroll.....\$1,000..	85,996	61,134	61,134	...	24,862	23,866	996	85,000	996	534	462	...
	Value added, adjusted....do...	173,673	130,838	130,838	...	42,835	41,251	1,584	172,089	1,584	873	711	...
	Value of shipments.....do...	286,004	209,113	209,113	...	76,891	73,974	2,917	283,087	2,917	1,482	1,435	...
2531	Public building furniture:												
	Establishments:												
	Total.....number..	390	35	32	3	355	191	164	223	167	113	54	...
	With 20 or more emp....do...	147	28	28	...	119	98	21	126	21	10	11	...
	All employees:												
	Number.....	15,952	6,736	6,728	8	9,216	7,757	1,459	14,485	1,467	728	739	...
	Payroll.....\$1,000..	69,342	30,839	30,800	39	38,503	33,138	5,365	63,938	5,404	2,647	2,757	...
	Value added, adjusted....do...	112,881	53,657	53,593	64	59,224	49,821	9,403	103,414	9,467	4,086	5,381	...
	Value of shipments.....do...	208,406	92,909	92,764	145	115,497	97,721	17,776	190,485	17,921	8,128	9,793	...
2540	Partitions and fixtures:												
	Establishments:												
	Total.....number..	1,848	91	91	6	1,751	828	923	919	929	645	284	...
	With 20 or more emp....do...	426	72	70	2	354	298	56	368	58	19	39	...
	All employees:												
	Number.....	37,747	11,983	(D)	(D)	25,764	(D)	(D)	31,791	5,956	3,221	2,735	...
	Payroll.....\$1,000..	186,636	59,093	(D)	(D)	127,543	(D)	(D)	160,882	25,754	13,465	12,289	...
	Value added, adjusted....do...	301,250	101,737	(D)	(D)	199,513	(D)	(D)	255,124	46,126	23,155	22,971	...
	Value of shipments.....do...	538,872	184,797	(D)	(D)	354,075	(D)	(D)	452,719	86,153	43,302	42,851	...
2591	Venetian blinds and shades:												
	Establishments:												
	Total.....number..	850	62	54	8	788	245	543	299	551	409	142	...
	With 20 or more emp....do...	85	30	28	2	55	37	18	65	20	5	15	...
	All employees:												
	Number.....	11,203	6,464	(D)	(D)	4,739	(D)	(D)	8,916	2,287	1,320	967	...
	Payroll.....\$1,000..	43,634	26,653	(D)	(D)	16,981	(D)	(D)	36,476	7,158	4,069	3,089	...
	Value added, adjusted....do...	83,442	51,408	(D)	(D)	32,034	(D)	(D)	67,173	16,269	9,322	6,947	...
	Value of shipments.....do...	187,024	110,069	(D)	(D)	76,955	(D)	(D)	148,895	38,129	21,887	16,242	...
2599	Furniture and fixtures, nec.:												
	Establishments:												
	Total.....number..	259	14	14	...	245	129	116	143	116	75	41	...
	With 20 or more emp....do...	77	12	12	...	65	53	12	65	12	5	7	...
	All employees:												
	Number.....	7,990	3,492	3,492	...	4,498	3,620	878	7,112	878	427	451	...
	Payroll.....\$1,000..	37,450	17,342	17,342	...	20,108	16,557	3,551	33,899	3,551	1,753	1,798	...
	Value added, adjusted....do...	60,189	26,836	26,836	...	33,353	26,841	6,512	53,677	6,512	3,041	3,471	...
	Value of shipments.....do...	110,360	47,424	47,424	...	62,936	49,120	13,816	96,544	13,816	6,709	7,107	...
26	Paper and allied products:												
	Establishments:												
	Total.....number..	5,271	1,919	1,903	16	3,352	2,479	873	4,382	889	508	368	13
	With 20 or more emp....do...	3,224	1,754	1,746	8	1,470	1,336	134	3,082	142	45	92	5
	All employees:												
	Number.....	555,398	437,140	435,173	1,967	118,258	108,393	9,865	543,566	11,832	(D)	5,994	(D)
	Payroll.....\$1,000..	2,779,885	2,257,738	2,247,282	10,456	522,147	488,699	33,448	2,735,981	43,904	(D)	20,865	(D)
	Production workers:												
	Number.....	448,529	352,709	350,984	1,725	95,820	87,547	8,273	438,531	9,998	(D)	4,933	(D)
	Man-hours.....1,000..	934,371	742,483	738,506	3,977	191,888	176,324	15,564	914,830	19,541	(D)	9,455	(D)
	Wages.....\$1,000..	2,038,997	1,677,650	1,669,328	8,322	361,347	334,656	26,691	2,003,984	35,013	(D)	16,276	(D)
	Value added, adjusted....do...	5,707,474	4,750,657	4,733,051	17,606	956,817	888,410	68,407	5,621,461	86,013	(D)	45,359	(D)
	Capital expend., new....do...	618,488	552,086	(D)	(D)	66,402	(D)	(D)	611,335	7,153	(D)	3,195	(D)
2611	Pulp mills:												
	Establishments:												
	Total.....number..	59	46	46	...	13	9	4	55	4	1	3	...
	With 20 or more emp....do...	48	40	40	...	8	7	1	47	1	...	1	...
	All employees:												
	Number.....	14,171	12,825	12,825	...	1,346	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	74,797	68,195	68,195	...	6,602	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	196,026	172,284	172,284	...	23,742	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	427,997	386,110	386,110	...	41,887	(D)	(D)	(D)	(D)	(D)	(D)	...
2621	Paper mills, except building:												
	Establishments:												
	Total.....number..	354	245	244	1	109	95	14	339	15	8	5	2
	With 20 or more emp....do...	318	245	244	1	73	71	2	315	3	...	2	1

See footnotes at end of table.

MANUFACTURERS—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
26	Paper and allied products—Continued												
	Paper mills, except building—Continued												
	All employees:												
	Number.....	131,334	119,927	(D)	(D)	11,407	11,294	113	(D)	(D)	(D)	(D)	(D)
	Payroll.....\$1,000..	740,988	679,869	(D)	(D)	61,119	60,641	478	(D)	(D)	(D)	(D)	(D)
	Value added, adjusted....do...	1,541,818	1,418,556	(D)	(D)	123,262	122,465	797	(D)	(D)	(D)	(D)	(D)
	Value of shipments.....do...	3,259,415	2,971,879	(D)	(D)	287,536	285,366	2,170	(D)	(D)	(D)	(D)	(D)
2631	Paperboard mills:												
	Establishments:												
	Total.....number..	252	198	198	...	54	50	4	248	4	1	2	1
	With 20 or more emp....do...	250	197	197	...	53	49	4	246	4	1	2	1
	All employees:												
	Number.....	57,086	52,436	52,436	...	4,650	4,346	304	56,782	304	(D)	(D)	(D)
	Payroll.....\$1,000..	321,765	295,610	295,610	...	26,155	24,784	1,371	320,394	1,371	(D)	(D)	(D)
	Value added, adjusted....do...	840,057	785,253	785,253	...	54,804	51,790	3,014	837,043	3,014	(D)	(D)	(D)
	Value of shipments.....do...	1,690,918	1,585,976	1,585,976	...	104,942	100,384	4,558	1,686,360	4,558	(D)	(D)	(D)
2641	Paper coating and glazing:												
	Establishments:												
	Total.....number..	340	116	113	3	224	168	56	281	59	35	23	1
	With 20 or more emp....do...	176	99	96	3	77	73	4	169	7	2	4	1
	All employees:												
	Number.....	27,794	21,581	21,230	351	6,213	5,774	439	27,004	790	(D)	249	(D)
	Payroll.....\$1,000..	143,476	113,232	111,416	1,816	30,244	28,627	1,617	140,043	3,433	(D)	1,146	(D)
	Value added, adjusted....do...	319,588	262,785	259,357	3,428	56,803	53,283	3,520	312,640	6,948	(D)	2,727	(D)
	Value of shipments.....do...	805,185	654,544	645,935	8,609	150,641	141,829	8,812	787,764	17,421	(D)	6,532	(D)
2642	Envelopes:												
	Establishments:												
	Total.....number..	205	57	56	1	148	118	30	174	31	20	10	1
	With 20 or more emp....do...	146	56	56	...	90	82	8	138	8	5	2	1
	All employees:												
	Number.....	17,757	9,190	(D)	(D)	8,567	(D)	(D)	17,055	702	378	(D)	(D)
	Payroll.....\$1,000..	84,566	43,560	(D)	(D)	41,006	(D)	(D)	9,393	2,873	1,520	(D)	(D)
	Value added, adjusted....do...	138,318	72,730	(D)	(D)	65,588	(D)	(D)	133,591	4,727	2,604	(D)	(D)
	Value of shipments.....do...	271,631	148,732	(D)	(D)	122,899	(D)	(D)	261,849	9,782	4,959	(D)	(D)
2643	Bags, except textile bags:												
	Establishments:												
	Total.....number..	461	159	158	1	302	219	83	377	84	50	34	...
	With 20 or more emp....do...	251	143	143	...	108	99	9	242	9	4	5	...
	All employees:												
	Number.....	39,042	31,417	(D)	(D)	7,625	(D)	(D)	38,258	784	320	464	...
	Payroll.....\$1,000..	169,888	137,881	(D)	(D)	32,007	(D)	(D)	167,367	2,521	1,103	1,418	...
	Value added, adjusted....do...	308,874	246,275	(D)	(D)	62,599	(D)	(D)	302,298	6,576	2,296	4,280	...
	Value of shipments.....do...	908,521	740,973	(D)	(D)	167,548	(D)	(D)	889,238	19,283	8,081	11,202	...
2644	Wallpaper:												
	Establishments:												
	Total.....number..	73	8	8	...	65	54	11	62	11	8	3	...
	With 20 or more emp....do...	29	6	6	...	23	23	...	29	...	...	...	...
	All employees:												
	Number.....	2,806	949	949	...	1,857	1,794	63	2,743	63	47	16	...
	Payroll.....\$1,000..	13,417	4,737	4,737	...	8,680	8,440	240	13,177	240	183	57	...
	Value added, adjusted....do...	21,463	8,010	8,010	...	13,453	12,926	527	20,936	527	430	97	...
	Value of shipments.....do...	40,840	15,367	15,367	...	25,473	24,573	900	39,940	900	600	300	...
2645	Die cut paper and board:												
	Establishments:												
	Total.....number..	372	74	73	1	298	181	117	254	118	71	44	3
	With 20 or more emp....do...	118	56	55	1	62	52	10	107	11	4	6	1
	All employees:												
	Number.....	12,209	7,734	(D)	(D)	4,475	(D)	(D)	11,298	911	(D)	455	(D)
	Payroll.....\$1,000..	58,512	40,345	(D)	(D)	18,167	(D)	(D)	55,482	3,030	(D)	1,596	(D)
	Value added, adjusted....do...	111,164	79,376	(D)	(D)	31,788	(D)	(D)	104,541	6,623	(D)	3,964	(D)
	Value of shipments.....do...	251,364	185,379	(D)	(D)	65,985	(D)	(D)	239,813	11,551	(D)	6,530	(D)
2646	Pressed and molded pulp goods:												
	Establishments:												
	Total.....number..	55	23	21	2	32	24	8	45	10	7	3	...
	With 20 or more emp....do...	28	19	18	1	9	9	...	27	1	...	1	...
	All employees:												
	Number.....	4,472	3,955	(D)	(D)	517	(D)	(D)	4,411	61	(D)	(D)	...
	Payroll.....\$1,000..	21,254	19,147	(D)	(D)	2,107	(D)	(D)	21,003	251	(D)	(D)	...
	Value added, adjusted....do...	49,819	45,284	(D)	(D)	4,535	(D)	(D)	49,301	518	(D)	(D)	...
	Value of shipments.....do...	78,780	71,502	(D)	(D)	7,278	(D)	(D)	78,003	777	(D)	(D)	...
2649	Paper and board products, nec.:												
	Establishments:												
	Total.....number..	739	174	171	3	565	391	174	562	177	102	72	3
	With 20 or more emp....do...	324	147	146	1	177	160	17	306	18	7	11	...
	All employees:												
	Number.....	46,892	33,012	(D)	(D)	13,880	(D)	(D)	45,408	1,484	(D)	919	(D)
	Payroll.....\$1,000..	213,489	156,031	(D)	(D)	57,458	(D)	(D)	208,631	4,858	(D)	3,115	(D)
	Value added, adjusted....do...	463,668	350,339	(D)	(D)	113,329	(D)	(D)	454,175	9,493	(D)	6,163	(D)
	Value of shipments.....do...	1,245,092	995,399	(D)	(D)	249,693	(D)	(D)	1,223,994	21,098	(D)	14,512	(D)

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
26	Paper and allied products—Continued												
2651	Folding paperboard boxes: Establishments:												
	Total.....number..	514	148	148	...	366	293	73	441	73	44	29	...
	With 20 or more emp....do...	341	138	138	...	203	189	14	327	14	6	8	...
	All employees:												
	Number.....	46,389	29,835	29,835	...	16,554	15,505	1,049	45,340	1,049	509	540	...
	Payroll.....\$1,000..	221,989	148,189	148,189	...	73,800	69,767	4,033	217,956	4,033	1,939	2,094	...
	Value added, adjusted....do...	391,031	268,467	268,467	...	122,564	114,753	7,811	383,220	7,811	3,493	4,318	...
	Value of shipments.....do...	887,209	632,649	632,649	...	254,560	238,333	16,227	870,982	16,227	7,866	8,361	...
2652	Set-up paperboard boxes: Establishments:												
	Total.....number..	527	73	72	1	454	340	114	412	115	42	72	1
	With 20 or more emp....do...	347	59	59	...	288	244	44	303	44	10	34	...
	All employees:												
	Number.....	23,532	6,448	(D)	(D)	17,084	(D)	(D)	21,199	2,333	(D)	1,719	(D)
	Payroll.....\$1,000..	80,924	23,507	(D)	(D)	57,417	(D)	(D)	74,188	6,736	(D)	5,096	(D)
	Value added, adjusted....do...	124,892	37,519	(D)	(D)	87,373	(D)	(D)	112,901	11,991	(D)	9,153	(D)
	Value of shipments.....do...	219,240	68,202	(D)	(D)	151,038	(D)	(D)	197,626	21,614	(D)	16,237	(D)
2653	Corrugated shipping containers: Establishments:												
	Total.....number..	805	343	342	1	462	349	113	691	114	70	44	...
	With 20 or more emp....do...	514	313	313	...	201	185	16	498	16	3	13	...
	All employees:												
	Number.....	70,792	54,326	(D)	(D)	16,466	(D)	(D)	69,656	1,136	458	678	...
	Payroll.....\$1,000..	345,117	267,543	(D)	(D)	77,574	(D)	(D)	340,869	4,248	1,543	2,705	...
	Value added, adjusted....do...	596,934	453,662	(D)	(D)	143,272	(D)	(D)	587,063	9,871	3,403	6,468	...
	Value of shipments.....do...	1,635,650	1,281,278	(D)	(D)	354,372	(D)	(D)	1,612,329	23,321	7,779	15,542	...
2654	Sanitary food containers: Establishments:												
	Total.....number..	136	100	99	1	36	34	2	133	3	1	2	...
	With 20 or more emp....do...	125	94	93	1	31	30	1	123	2	...	2	...
	All employees:												
	Number.....	29,493	26,927	(D)	(D)	2,566	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	139,131	129,023	(D)	(D)	10,108	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	309,224	288,803	(D)	(D)	20,421	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	680,079	635,320	(D)	(D)	44,759	(D)	(D)	(D)	(D)	(D)	(D)	...
2655	Fiber cans, tubes, drums, etc.: Establishments:												
	Total.....number..	198	69	69	...	129	95	34	164	34	18	15	1
	With 20 or more emp....do...	112	60	60	...	52	48	4	108	4	3	1	...
	All employees:												
	Number.....	10,971	7,343	7,343	...	3,628	3,248	380	10,591	380	(D)	194	(D)
	Payroll.....\$1,000..	47,855	34,389	34,389	...	13,466	12,290	1,176	46,679	1,176	(D)	678	(D)
	Value added, adjusted....do...	79,548	56,000	56,000	...	23,548	21,123	2,425	77,123	2,425	(D)	1,439	(D)
	Value of shipments.....do...	165,627	121,330	121,330	...	44,297	39,348	4,949	160,678	4,949	(D)	2,984	(D)
2661	Building paper and board mills: Establishments:												
	Total.....number..	181	86	85	1	95	59	36	144	37	30	7	...
	With 20 or more emp....do...	97	82	82	...	15	15	...	97	...	...	...	...
	All employees:												
	Number.....	20,658	19,235	(D)	(D)	1,423	(D)	(D)	20,538	120	102	18	...
	Payroll.....\$1,000..	102,717	96,480	(D)	(D)	6,237	(D)	(D)	102,391	326	282	44	...
	Value added, adjusted....do...	215,050	205,314	(D)	(D)	9,736	(D)	(D)	214,304	746	583	163	...
	Value of shipments.....do...	391,786	369,161	(D)	(D)	22,625	(D)	(D)	389,638	2,148	1,565	583	...
27	Printing and publishing: Establishments:												
	Total.....number..	35,368	2,233	2,066	167	33,135	14,681	18,454	16,747	18,621	12,872	5,548	201
	With 20 or more emp....do...	6,836	1,529	1,483	46	5,307	4,593	714	6,076	760	266	457	37
	All employees:												
	Number.....	864,101	394,143	389,313	4,830	469,958	374,016	95,942	763,329	100,772	53,370	42,658	4,744
	Payroll.....\$1,000..	4,479,679	2,173,340	2,149,907	23,433	2,306,339	1,938,188	368,151	4,088,095	391,584	196,032	173,678	21,874
	Production workers:												
	Number.....	529,504	215,960	213,548	2,412	313,544	239,655	73,889	453,203	76,301	42,130	32,075	2,096
	Man-hours.....1,000..	995,923	407,721	403,220	4,501	588,202	467,672	120,530	870,892	125,031	62,743	58,460	3,828
	Wages.....\$1,000..	2,590,865	1,150,445	1,139,585	10,860	1,440,420	1,159,025	281,395	2,298,610	292,255	152,474	130,571	9,210
	Value added, adjusted....do...	7,922,962	4,073,688	4,031,017	42,671	3,849,274	3,127,215	722,059	7,158,232	764,730	385,664	345,284	33,782
	Capital expend., new....do...	408,610	182,313	180,675	1,638	226,297	156,697	69,600	337,372	71,238	42,640	27,480	1,118
2711	Newspapers: Establishments:												
	Total.....number..	8,250	588	520	68	7,662	2,929	4,733	3,449	4,801	3,282	1,483	36
	With 20 or more emp....do...	1,724	431	410	21	1,293	1,109	184	1,519	205	75	121	9
	All employees:												
	Number.....	294,258	159,055	156,771	2,284	135,203	107,968	27,235	264,739	29,519	15,937	12,153	1,429
	Payroll.....\$1,000..	1,493,136	896,275	885,458	10,817	596,861	507,141	89,720	1,392,599	100,537	49,730	43,585	7,222
	Value added, adjusted....do...	2,516,921	1,491,930	1,472,531	19,399	1,024,991	857,114	167,877	2,329,645	187,276	92,474	82,776	12,026
	Value of shipments.....do...	3,628,021	2,228,798	2,204,169	24,629	1,399,223	1,164,184	235,039	3,368,353	259,668	133,778	111,136	14,754

See footnotes at end of table.

MANUFACTURERS—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Total	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
27	Printing and publishing—Continued												
2721	Periodicals:												
	Establishments:												
	Total.....number..	2,323	229	223	6	2,094	1,422	672	1,645	678	444	166	68
	With 20 or more emp....do...	387	130	128	2	257	228	29	356	31	7	14	10
	All employees:												
	Number.....	66,028	37,495	(D)	(D)	28,533	(D)	(D)	61,621	4,407	1,726	1,281	1,400
	Payroll.....\$1,000..	380,636	228,195	(D)	(D)	152,441	(D)	(D)	362,430	18,206	6,934	4,992	6,280
	Value added, adjusted....do...	932,554	621,110	(D)	(D)	311,444	(D)	(D)	895,316	37,238	16,425	12,970	7,843
	Value of shipments.....do...	1,676,743	1,159,876	(D)	(D)	516,867	(D)	(D)	1,615,290	61,453	28,693	19,974	12,786
2731	Books, publishing and printing:												
	Establishments:												
	Total.....number..	903	127	122	5	776	555	221	677	226	135	74	17
	With 20 or more emp....do...	233	91	87	4	142	125	17	212	21	6	9	6
	All employees:												
	Number.....	40,069	23,325	22,904	421	16,744	15,024	1,720	37,928	2,141	603	753	785
	Payroll.....\$1,000..	193,854	113,651	111,846	1,805	80,203	73,958	6,245	185,804	8,050	2,230	2,648	3,172
	Value added, adjusted....do...	616,241	408,812	404,898	3,914	207,429	190,312	17,117	595,210	21,031	8,097	7,574	5,360
	Value of shipments.....do...	1,033,144	679,921	672,722	7,199	353,223	322,366	30,857	995,088	38,056	14,507	13,285	10,264
2732	Book printing:												
	Establishments:												
	Total.....number..	791	38	38	...	753	363	390	401	390	273	115	2
	With 20 or more emp....do...	205	37	37	...	168	153	15	190	15	5	10	...
	All employees:												
	Number.....	28,625	14,012	14,012	...	14,613	12,644	1,969	26,656	1,969	(D)	987	(D)
	Payroll.....\$1,000..	143,990	69,638	69,638	...	74,352	65,778	8,574	135,416	8,574	(D)	4,890	(D)
	Value added, adjusted....do...	226,793	112,119	112,119	...	114,674	98,012	16,662	210,131	16,662	(D)	9,379	(D)
	Value of shipments.....do...	357,652	179,291	179,291	...	178,361	150,893	27,468	330,184	27,468	(D)	14,814	(D)
2741	Miscellaneous publishing:												
	Establishments:												
	Total.....number..	1,105	143	131	12	962	537	425	668	437	298	130	10
	With 20 or more emp....do...	164	61	60	1	103	84	19	144	20	11	9	...
	All employees:												
	Number.....	19,870	10,762	10,561	201	9,108	6,782	2,326	17,343	2,527	1,318	1,124	85
	Payroll.....\$1,000..	95,518	55,973	54,836	1,137	39,545	32,365	7,180	87,201	8,317	4,230	3,775	312
	Value added, adjusted....do...	206,851	124,205	119,196	5,009	82,646	63,482	19,164	182,568	24,173	12,807	10,621	745
	Value of shipments.....do...	316,928	191,946	185,291	6,655	124,982	96,435	28,547	281,610	35,202	19,085	15,060	1,057
2751	Printing: Letterpress:												
	Establishments:												
	Total.....number..	13,002	480	433	47	12,522	4,404	8,118	4,837	8,165	5,875	2,242	48
	With 20 or more emp....do...	1,640	313	301	12	1,327	1,136	191	1,437	203	71	122	10
	All employees:												
	Number.....	189,078	69,988	69,135	853	119,090	86,118	32,972	155,253	33,825	20,124	12,900	801
	Payroll.....\$1,000..	954,240	388,694	385,222	3,472	565,546	438,345	127,201	823,567	130,673	74,562	52,354	3,757
	Value added, adjusted....do...	1,482,604	580,734	575,031	5,703	901,870	645,549	256,321	1,220,580	262,024	148,869	107,269	5,886
	Value of shipments.....do...	2,533,227	1,040,965	1,032,015	8,950	1,492,262	1,062,821	429,441	2,094,836	438,391	252,023	177,538	8,830
2752	Printing: Lithographic:												
	Establishments:												
	Total.....number..	3,746	243	231	12	3,503	1,928	1,575	2,159	1,587	1,032	547	8
	With 20 or more emp....do...	1,026	188	184	4	838	743	95	927	99	39	58	2
	All employees:												
	Number.....	89,678	27,053	26,772	281	62,625	52,590	10,035	79,362	10,316	5,055	5,114	147
	Payroll.....\$1,000..	519,506	155,813	154,330	1,483	363,693	316,812	46,881	471,142	48,364	22,907	24,716	741
	Value added, adjusted....do...	797,397	241,542	239,036	2,506	555,855	466,347	89,508	705,383	92,014	42,285	48,388	1,341
	Value of shipments.....do...	1,341,551	401,831	396,388	5,443	939,720	788,117	151,603	1,184,505	157,046	73,962	80,745	2,339
2753	Engraving and plate printing:												
	Establishments:												
	Total.....number..	528	34	34	...	494	243	251	277	251	172	77	2
	With 20 or more emp....do...	102	23	23	...	79	58	21	81	21	9	12	...
	All employees:												
	Number.....	9,047	3,220	3,220	...	5,827	4,058	1,769	7,278	1,769	(D)	858	(D)
	Payroll.....\$1,000..	43,115	17,850	17,850	...	25,265	18,655	6,610	36,505	6,610	(D)	3,280	(D)
	Value added, adjusted....do...	64,471	24,924	24,924	...	39,547	27,258	12,289	52,182	12,289	(D)	6,142	(D)
	Value of shipments.....do...	87,202	33,046	33,046	...	54,156	36,513	17,643	69,559	17,643	(D)	8,981	(D)
2761	Manifold business forms:												
	Establishments:												
	Total.....number..	704	83	80	3	621	315	306	395	309	203	104	2
	With 20 or more emp....do...	165	63	63	...	102	88	14	151	14	4	10	...
	All employees:												
	Number.....	23,618	14,217	14,195	22	9,401	7,834	1,567	22,029	1,589	(D)	786	(D)
	Payroll.....\$1,000..	120,945	75,329	75,270	59	45,616	39,306	6,310	114,576	6,369	(D)	3,711	(D)
	Value added, adjusted....do...	245,229	170,324	170,136	188	74,905	62,245	12,660	232,381	12,848	(D)	7,342	(D)
	Value of shipments.....do...	405,731	273,786	273,472	314	131,945	108,017	23,928	381,489	24,242	(D)	13,942	(D)
2771	Greeting cards:												
	Establishments:												
	Total.....number..	282	40	39	1	242	139	103	178	104	70	34	...
	With 20 or more emp....do...	100	31	31	...	69	66	3	97	3	1	2	...
	All employees:												
	Number.....	21,777	16,093	(D)	(D)	5,684	(D)	(D)	21,356	421	234	187	...
	Payroll.....\$1,000..	89,405	67,552	(D)	(D)	21,853	(D)	(D)	87,994	1,411	764	647	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
27	Printing and publishing—Continued												
	Greeting cards—Continued												
	Value added, adjusted, \$1,000..	178,563	134,859	(D)	(D)	43,704	(D)	(D)	174,529	4,034	2,386	1,648	...
	Value of shipments.....do...	291,480	215,526	(D)	(D)	75,954	(D)	(D)	284,143	7,337	3,792	3,545	...
2782	Blankbooks; looseleaf binders:												
	Establishments:												
	Total.....number..	434	60	58	2	374	204	170	262	172	110	62	...
	With 20 or more emp....do...	166	50	49	1	116	102	14	151	15	6	9	...
	All employees:												
	Number.....	17,872	8,761	(D)	(D)	9,111	(D)	(D)	16,432	1,440	580	860	...
	Payroll.....\$1,000..	79,024	41,524	(D)	(D)	37,500	(D)	(D)	74,183	4,841	2,025	2,816	...
	Value added, adjusted....do...	132,660	72,449	(D)	(D)	60,211	(D)	(D)	123,283	9,377	3,833	5,544	...
	Value of shipments.....do...	217,862	114,429	(D)	(D)	103,433	(D)	(D)	201,714	16,148	6,096	10,052	...
2789	Bookbinding and related work:												
	Establishments:												
	Total.....number..	972	26	26	...	946	438	508	464	508	325	179	4
	With 20 or more emp....do...	294	21	21	...	273	219	54	240	54	12	42	...
	All employees:												
	Number.....	22,160	2,572	2,572	...	19,588	14,951	4,637	17,523	4,637	1,960	2,629	48
	Payroll.....\$1,000..	87,448	9,936	9,936	...	77,512	61,408	16,104	71,344	16,104	6,636	9,325	143
	Value added, adjusted....do...	132,722	15,430	15,430	...	117,292	88,639	28,653	104,069	28,653	11,863	16,619	171
	Value of shipments.....do...	181,987	25,864	25,864	...	156,123	119,942	36,181	145,806	36,181	15,752	20,136	293
2791	Typesetting:												
	Establishments:												
	Total.....number..	1,188	38	33	5	1,150	521	629	554	634	440	192	2
	With 20 or more emp....do...	247	27	26	1	220	186	34	212	35	16	19	...
	All employees:												
	Number.....	18,011	2,402	2,356	46	15,609	11,978	3,631	14,334	3,677	2,024	(D)	(D)
	Payroll.....\$1,000..	109,352	14,948	14,616	332	94,404	75,693	18,711	90,309	19,043	10,313	(D)	(D)
	Value added, adjusted....do...	155,123	20,476	19,796	680	134,647	102,550	32,097	122,346	32,777	17,741	(D)	(D)
	Value of shipments.....do...	177,186	23,768	22,970	798	153,418	115,632	37,786	138,602	38,584	20,845	(D)	(D)
2793	Photoengraving:												
	Establishments:												
	Total.....number..	914	58	55	3	856	536	320	591	323	190	131	2
	With 20 or more emp....do...	272	35	35	...	237	216	21	251	21	4	17	...
	All employees:												
	Number.....	17,251	2,761	2,728	33	14,490	12,228	2,262	14,956	2,295	1,053	(D)	(D)
	Payroll.....\$1,000..	125,337	21,547	21,368	179	103,790	90,735	13,055	112,103	13,234	5,720	(D)	(D)
	Value added, adjusted....do...	172,158	29,934	29,668	266	142,224	120,245	21,979	149,913	22,245	9,342	(D)	(D)
	Value of shipments.....do...	208,911	37,279	36,951	328	171,632	143,571	28,061	180,522	28,389	12,415	(D)	(D)
2794	Electrotyping and stereotyping:												
	Establishments:												
	Total.....number..	226	46	43	3	180	147	33	190	36	24	12	...
	With 20 or more emp....do...	111	28	28	...	83	80	3	108	3	...	3	...
	All employees:												
	Number.....	6,759	2,427	2,405	22	4,332	4,114	218	6,519	240	93	147	...
	Payroll.....\$1,000..	44,173	16,415	16,278	137	27,758	26,644	1,114	42,922	1,251	465	786	...
	Value added, adjusted....do...	62,675	24,840	24,600	240	37,835	35,986	1,849	60,586	2,089	890	1,199	...
	Value of shipments.....do...	81,143	32,362	32,049	313	48,781	46,049	2,732	78,098	3,045	1,248	1,797	...
28	Chemicals and allied products:												
	Establishments:												
	Total.....number..	11,309	3,606	3,444	162	7,703	5,598	2,105	9,042	2,267	1,459	708	100
	With 20 or more emp....do...	3,751	2,422	2,363	59	1,329	1,243	86	3,606	145	22	75	48
	All employees:												
	Number.....	699,166	600,714	597,529	3,185	98,452	88,130	10,322	685,659	13,507	4,969	6,020	2,518
	Payroll.....\$1,000..	3,947,175	3,460,972	3,448,538	12,434	486,203	447,265	38,938	3,895,803	51,372	17,122	24,627	9,623
	Production workers:												
	Number.....	453,411	391,807	389,300	2,507	61,604	54,200	7,404	443,500	9,911	3,921	3,927	2,063
	Man-hours.....1,000..	908,824	789,442	784,446	4,996	119,382	106,012	13,370	890,458	18,366	6,702	7,443	4,221
	Wages.....\$1,000..	2,244,318	2,004,779	1,996,137	8,642	239,539	214,301	25,238	2,210,438	33,880	12,515	14,206	7,159
	Value added, adjusted....do...	12,270,371	11,165,251	11,123,588	41,663	1,105,120	995,687	109,433	12,119,275	151,096	48,051	72,110	30,935
	Capital expend., new....do...	1,115,806	1,054,101	1,051,511	2,590	61,705	55,560	6,145	1,107,071	8,735	4,016	3,132	1,587
2812	Alkalies and chlorine:												
	Establishments:												
	Total.....number..	34	34	34	...	...	...	...	34	...	...	...	...
	With 20 or more emp....do...	32	32	32	...	...	...	...	32	...	...	...	...
	All employees:												
	Number.....	20,476	20,476	20,476	...	...	...	...	20,476	...	...	...	...
	Payroll.....\$1,000..	115,024	115,024	115,024	...	...	...	...	115,024	...	...	...	...
	Value added, adjusted....do...	306,187	306,187	306,187	...	...	...	...	306,187	...	...	...	...
	Value of shipments.....do...	504,309	504,309	504,309	...	...	...	...	504,309	...	...	...	...
2813	Industrial gases:												
	Establishments:												
	Total.....number..	491	412	410	2	79	68	11	478	13	5	8	...
	With 20 or more emp....do...	177	160	160	...	17	16	1	176	1	...	1	...
	All employees:												
	Number.....	10,642	9,576	(D)	(D)	1,066	(D)	(D)	10,575	67	16	51	...
	Payroll.....\$1,000..	56,661	51,297	(D)	(D)	5,364	(D)	(D)	56,359	302	70	232	...
	Value added, adjusted....do...	174,249	164,011	(D)	(D)	10,238	(D)	(D)	173,510	739	233	506	...
	Value of shipments.....do...	277,441	260,480	(D)	(D)	16,961	(D)	(D)	276,045	1,396	480	916	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
28	Chemicals and allied products—Continued												
2814	Cyclic (coal tar) crudes:												
	Establishments:												
	Total.....number..	45	38	38	...	7	7	...	45	...	...	...	...
	With 20 or more emp....do...	23	20	20	...	3	3	...	23	...	...	...	...
	All employees:												
	Number.....	2,084	1,959	1,959	...	125	125	...	2,084	...	...	...	...
	Payroll.....\$1,000..	12,008	11,063	11,063	...	945	945	...	12,008	...	...	...	...
	Value added, adjusted....do...	29,993	28,642	28,642	...	1,351	1,351	...	29,993	...	...	...	...
	Value of shipments.....do...	116,972	110,604	110,604	...	6,368	6,368	...	116,972	...	...	...	...
2815	Intermediate coal tar products:												
	Establishments:												
	Total.....number..	115	72	72	...	43	39	4	111	4	3	1	...
	With 20 or more emp....do...	87	64	64	...	23	23	...	87	...	...	...	...
	All employees:												
	Number.....	26,218	24,797	24,797	...	1,421	1,401	20	26,198	20	(D)	(D)	...
	Payroll.....\$1,000..	155,411	147,996	147,996	...	7,415	7,303	112	155,299	112	(D)	(D)	...
	Value added, adjusted....do...	373,106	355,766	355,766	...	17,340	17,133	207	372,899	207	(D)	(D)	...
	Value of shipments.....do...	817,387	771,845	771,845	...	45,542	45,070	472	816,915	472	(D)	(D)	...
2816	Inorganic pigments:												
	Establishments:												
	Total.....number..	99	52	52	...	47	36	11	88	11	8	3	...
	With 20 or more emp....do...	57	43	43	...	14	14	...	57	...	...	...	...
	All employees:												
	Number.....	11,368	10,513	10,513	...	855	808	47	11,321	47	36	11	...
	Payroll.....\$1,000..	61,867	57,452	57,452	...	4,415	4,235	180	61,687	180	135	45	...
	Value added, adjusted....do...	235,658	227,951	227,951	...	7,707	7,286	421	235,237	421	325	96	...
	Value of shipments.....do...	417,673	396,010	396,010	...	21,663	20,312	1,351	416,322	1,351	641	710	...
2818	Organic chemicals, nec.:												
	Establishments:												
	Total.....number..	334	187	187	...	147	124	23	311	23	15	8	...
	With 20 or more emp....do...	185	155	155	...	30	29	1	184	1	...	1	...
	All employees:												
	Number.....	77,442	75,267	75,267	...	2,175	2,081	94	77,348	94	39	55	...
	Payroll.....\$1,000..	508,433	496,249	496,249	...	12,184	11,716	468	507,965	468	155	313	...
	Value added, adjusted....do...	1,671,723	1,643,940	1,643,940	...	27,783	26,735	1,048	1,670,675	1,048	476	572	...
	Value of shipments.....do...	3,097,963	3,027,058	3,027,058	...	70,905	67,748	3,157	3,094,806	3,157	795	2,362	...
2819	Inorganic chemicals, nec.:												
	Establishments:												
	Total.....number..	580	361	361	...	219	146	73	507	73	54	18	1
	With 20 or more emp....do...	301	262	262	...	39	36	3	298	3	...	2	1
	All employees:												
	Number.....	89,874	86,716	86,716	...	3,158	2,789	369	89,505	369	(D)	141	(D)
	Payroll.....\$1,000..	550,279	533,478	533,478	...	16,801	15,250	1,551	548,728	1,551	(D)	556	(D)
	Value added, adjusted....do...	1,468,854	1,429,363	1,429,363	...	39,491	35,563	3,928	1,464,926	3,928	(D)	1,329	(D)
	Value of shipments.....do...	2,754,427	2,650,302	2,650,302	...	104,125	92,599	11,526	2,742,901	11,526	(D)	4,088	(D)
2821	Plastics materials:												
	Establishments:												
	Total.....number..	349	166	165	1	183	163	20	328	21	13	8	...
	With 20 or more emp....do...	196	134	133	1	62	60	2	193	3	1	2	...
	All employees:												
	Number.....	51,003	46,529	(D)	(D)	4,474	(D)	(D)	50,797	206	106	100	...
	Payroll.....\$1,000..	308,212	283,696	(D)	(D)	24,516	(D)	(D)	307,303	909	519	390	...
	Value added, adjusted....do...	871,956	816,319	(D)	(D)	55,637	(D)	(D)	868,283	3,673	2,157	1,516	...
	Value of shipments.....do...	1,846,667	1,705,175	(D)	(D)	141,492	(D)	(D)	1,836,245	10,422	7,212	3,210	...
2822	Synthetic rubber:												
	Establishments:												
	Total.....number..	18	17	17	...	1	1	...	18	...	...	...	...
	With 20 or more emp....do...	17	16	16	...	1	1	...	17	...	...	...	...
	All employees:												
	Number.....	9,252	(D)	(D)	...	(D)	(D)	...	9,252	...	...	...	...
	Payroll.....\$1,000..	60,909	(D)	(D)	...	(D)	(D)	...	60,909	...	...	...	...
	Value added, adjusted....do...	197,866	(D)	(D)	...	(D)	(D)	...	197,866	...	...	...	...
	Value of shipments.....do...	536,348	(D)	(D)	...	(D)	(D)	...	536,348	...	...	...	...
2823	Cellulosic man-made fibers:												
	Establishments:												
	Total.....number..	26	26	26	...	...	...	...	26	...	...	...	...
	With 20 or more emp....do...	26	26	26	...	...	...	...	26	...	...	...	...
	All employees:												
	Number.....	42,597	42,597	42,597	...	...	...	...	42,597	...	...	...	...
	Payroll.....\$1,000..	211,513	211,513	211,513	...	...	...	...	211,513	...	...	...	...
	Value added, adjusted....do...	390,310	390,310	390,310	...	...	...	...	390,310	...	...	...	...
	Value of shipments.....do...	722,818	722,818	722,818	...	...	...	...	722,818	...	...	...	...
2824	Organic fibers, noncellulosic:												
	Establishments:												
	Total.....number..	14	11	11	...	3	3	...	14	...	...	...	...
	With 20 or more emp....do...	14	11	11	...	3	3	...	14	...	...	...	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
28	Chemicals and allied products—Continued												
	Organic fibers, noncellulosic—Continued												
	All employees:												
	Number.....	18,684	(D)	(D)	...	(D)	(D)	...	18,684	...	...	...	...
	Payroll.....\$1,000..	102,742	(D)	(D)	...	(D)	(D)	...	102,742	...	...	...	...
	Value added, adjusted....do...	439,638	(D)	(D)	...	(D)	(D)	...	439,638	...	...	...	...
	Value of shipments.....do...	688,365	(D)	(D)	...	(D)	(D)	...	688,365	...	...	...	...
2831	Biological products:												
	Establishments:												
	Total.....number..	116	23	23	...	93	72	21	95	21	15	5	1
	With 20 or more emp....do...	35	21	21	...	14	13	1	34	1	...	...	1
	All employees:												
	Number.....	3,692	2,553	2,553	...	1,139	983	156	3,536	156	(D)	20	(D)
	Payroll.....\$1,000..	16,218	11,024	11,024	...	5,194	4,546	648	15,570	648	(D)	68	(D)
	Value added, adjusted....do...	38,947	26,411	26,411	...	12,536	10,063	2,473	36,474	2,473	(D)	153	(D)
	Value of shipments.....do...	63,833	42,698	42,698	...	21,135	16,906	4,229	59,604	4,229	(D)	335	(D)
2833	Medicinals and botanicals:												
	Establishments:												
	Total.....number..	129	42	40	2	87	71	16	111	18	12	6	...
	With 20 or more emp....do...	50	30	29	1	20	18	2	47	3	1	2	...
	All employees:												
	Number.....	10,246	8,931	(D)	(D)	1,315	(D)	(D)	10,125	121	59	62	...
	Payroll.....\$1,000..	62,877	55,987	(D)	(D)	6,890	(D)	(D)	62,371	506	252	254	...
	Value added, adjusted....do...	175,817	160,566	(D)	(D)	15,251	(D)	(D)	174,719	1,098	672	426	...
	Value of shipments.....do...	322,286	286,994	(D)	(D)	35,292	(D)	(D)	320,091	2,195	1,340	855	...
2834	Pharmaceutical preparations:												
	Establishments:												
	Total.....number..	1,114	193	179	14	921	711	210	890	224	152	67	5
	With 20 or more emp....do...	318	152	149	3	166	154	12	303	15	4	11	...
	All employees:												
	Number.....	82,002	68,385	68,201	184	13,617	12,125	1,492	80,326	1,676	612	1,034	30
	Payroll.....\$1,000..	466,596	403,405	402,577	828	63,191	57,482	5,709	460,059	6,537	1,959	4,458	120
	Value added, adjusted....do...	1,881,524	1,717,008	1,714,957	2,051	164,516	147,014	17,502	1,861,971	19,553	6,843	12,438	272
	Value of shipments.....do...	2,591,831	2,325,045	2,321,220	3,825	266,786	239,121	27,665	2,560,341	31,490	11,056	20,004	430
2841	Soap and other detergents:												
	Establishments:												
	Total.....number..	608	115	113	2	493	329	164	442	166	111	55	...
	With 20 or more emp....do...	163	81	80	1	82	71	11	151	12	2	10	...
	All employees:												
	Number.....	29,603	23,888	(D)	(D)	5,715	(D)	(D)	28,608	995	328	667	...
	Payroll.....\$1,000..	181,485	151,593	(D)	(D)	29,892	(D)	(D)	177,245	4,240	1,293	2,947	...
	Value added, adjusted....do...	857,585	776,513	(D)	(D)	81,072	(D)	(D)	846,011	11,574	3,756	7,818	...
	Value of shipments.....do...	1,605,935	1,442,280	(D)	(D)	163,655	(D)	(D)	1,581,568	24,367	7,805	16,562	...
2842	Polishes and sanitation goods:												
	Establishments:												
	Total.....number..	1,156	110	103	7	1,046	678	368	781	375	262	112	1
	With 20 or more emp....do...	188	69	68	1	119	110	9	178	10	2	8	...
	All employees:												
	Number.....	16,429	7,870	(D)	(D)	8,559	(D)	(D)	15,103	1,326	(D)	595	(D)
	Payroll.....\$1,000..	82,594	42,310	(D)	(D)	40,284	(D)	(D)	77,915	4,679	(D)	2,326	(D)
	Value added, adjusted....do...	295,566	202,605	(D)	(D)	92,961	(D)	(D)	280,574	14,992	(D)	8,689	(D)
	Value of shipments.....do...	585,029	375,228	(D)	(D)	209,801	(D)	(D)	552,480	32,549	(D)	20,176	(D)
2843	Surface active agents:												
	Establishments:												
	Total.....number..	142	36	36	...	106	80	26	116	26	17	9	...
	With 20 or more emp....do...	46	24	24	...	22	21	1	45	1	...	1	...
	All employees:												
	Number.....	3,122	1,811	1,811	...	1,311	1,209	102	3,020	102	36	66	...
	Payroll.....\$1,000..	19,484	10,343	10,343	...	9,141	8,630	511	18,973	511	197	314	...
	Value added, adjusted....do...	52,421	32,334	32,334	...	20,087	18,614	1,473	50,948	1,473	524	949	...
	Value of shipments.....do...	126,624	80,043	80,043	...	46,581	43,304	3,277	123,347	3,277	1,282	1,995	...
2844	Toilet preparations:												
	Establishments:												
	Total.....number..	748	109	106	3	639	442	197	548	200	132	67	1
	With 20 or more emp....do...	181	90	88	2	91	85	6	173	8	4	4	...
	All employees:												
	Number.....	29,464	21,908	(D)	(D)	7,556	(D)	(D)	28,542	922	495	(D)	(D)
	Payroll.....\$1,000..	133,951	104,104	(D)	(D)	29,847	(D)	(D)	131,119	2,832	1,320	(D)	(D)
	Value added, adjusted....do...	697,529	601,502	(D)	(D)	96,027	(D)	(D)	689,270	8,259	3,674	(D)	(D)
	Value of shipments.....do...	1,059,161	902,780	(D)	(D)	156,381	(D)	(D)	1,042,920	16,241	7,356	(D)	(D)
2851	Paints and varnishes:												
	Establishments:												
	Total.....number..	1,591	389	373	16	1,202	929	273	1,302	289	177	109	3
	With 20 or more emp....do...	577	291	288	3	286	277	9	565	12	...	11	1
	All employees:												
	Number.....	57,034	37,839	37,583	256	19,195	17,771	1,424	55,354	1,680	(D)	998	(D)
	Payroll.....\$1,000..	313,737	209,183	207,866	1,317	104,554	98,355	6,199	306,221	7,516	(D)	4,603	(D)
	Value added, adjusted....do...	783,285	578,524	571,983	6,541	204,761	188,981	15,780	760,964	22,321	(D)	14,444	(D)
	Value of shipments.....do...	1,831,262	1,308,368	1,293,677	14,691	522,894	478,034	44,860	1,771,711	59,551	(D)	36,949	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multifirm companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
28	Chemicals and allied products—Continued												
2852	Putty and calking compounds: Establishments:												
	Total.....number..	118	30	28	2	88	59	29	87	31	16	13	2
	With 20 or more emp....do...	23	12	12	...	11	10	1	22	1	1	...	...
	All employees:												
	Number.....	1,736	726	(D)	(D)	1,010	(D)	(D)	1,578	158	(D)	82	(D)
	Payroll.....\$1,000..	9,635	3,932	(D)	(D)	5,703	(D)	(D)	8,988	647	(D)	376	(D)
	Value added, adjusted....do...	23,610	10,457	(D)	(D)	13,153	(D)	(D)	21,671	1,939	(D)	1,280	(D)
	Value of shipments.....do...	47,471	22,294	(D)	(D)	25,177	(D)	(D)	42,809	4,662	(D)	3,170	(D)
2861	Gum and wood chemicals: Establishments:												
	Total.....number..	190	42	37	5	148	82	66	119	71	41	29	1
	With 20 or more emp....do...	41	27	24	3	14	11	3	35	6	1	4	1
	All employees:												
	Number.....	7,251	5,666	(D)	(D)	1,585	(D)	(D)	6,745	506	(D)	314	(D)
	Payroll.....\$1,000..	30,097	25,511	(D)	(D)	4,586	(D)	(D)	28,739	1,358	(D)	843	(D)
	Value added, adjusted....do...	85,302	76,318	(D)	(D)	8,984	(D)	(D)	82,226	3,076	(D)	2,021	(D)
	Value of shipments.....do...	182,176	157,901	(D)	(D)	24,275	(D)	(D)	174,251	7,925	(D)	5,496	(D)
2871	Fertilizers; and fertilizers, mixing only: Establishments:												
2872	Total.....number..	968	461	371	90	507	377	130	748	220	87	54	79
	With 20 or more emp....do...	407	310	269	41	97	88	9	357	50	3	4	43
	All employees:												
	Number.....	30,889	24,484	22,428	2,056	6,405	5,414	991	27,842	3,047	487	408	2,152
	Payroll.....\$1,000..	122,632	99,226	91,593	7,633	23,406	20,176	3,230	111,769	10,863	1,491	1,377	7,995
	Value added, adjusted....do...	303,788	251,822	226,867	24,955	51,966	44,171	7,795	271,038	32,750	3,460	3,563	25,727
	Value of shipments.....do...	1,043,877	842,973	734,920	108,053	200,904	167,185	33,719	902,105	141,772	13,864	15,605	112,303
2873	Agricultural pesticides; and agricultural chemicals, nec.: Establishments:												
2879	Total.....number..	337	149	144	5	188	138	50	282	55	33	17	5
	With 20 or more emp....do...	101	69	67	2	32	29	3	96	5	1	3	1
	All employees:												
	Number.....	90	5,553	5,467	86	2,237	1,886	351	7,353	437	(D)	245	(D)
	Payroll.....\$1,000..	37,789	27,446	27,178	268	10,343	9,173	1,170	36,351	1,438	(D)	879	(D)
	Value added, adjusted....do...	110,993	88,792	87,878	914	22,201	19,009	3,192	106,887	4,106	(D)	2,404	(D)
	Value of shipments.....do...	333,105	261,948	257,388	4,560	71,157	62,200	8,957	319,588	13,517	(D)	6,985	(D)
2891	Glue and gelatin: Establishments:												
	Total.....number..	274	96	95	1	178	128	50	223	51	30	21	...
	With 20 or more emp....do...	93	61	61	...	32	26	6	87	6	...	6	...
	All employees:												
	Number.....	7,890	5,871	(D)	(D)	2,019	(D)	(D)	7,618	272	88	184	...
	Payroll.....\$1,000..	42,146	30,964	(D)	(D)	11,182	(D)	(D)	41,065	1,081	316	765	...
	Value added, adjusted....do...	106,383	84,394	(D)	(D)	21,989	(D)	(D)	103,411	2,972	822	2,150	...
	Value of shipments.....do...	245,205	192,207	(D)	(D)	52,998	(D)	(D)	236,641	8,564	2,037	6,527	...
2892	Explosives: Establishments:												
	Total.....number..	77	50	49	1	27	20	7	69	8	5	2	1
	With 20 or more emp....do...	58	47	47	...	11	11	...	58	...	...	...	...
	All employees:												
	Number.....	14,971	14,206	(D)	(D)	765	(D)	(D)	14,956	15	5	(D)	(D)
	Payroll.....\$1,000..	79,597	75,747	(D)	(D)	3,850	(D)	(D)	79,563	34	16	(D)	(D)
	Value added, adjusted....do...	131,646	123,948	(D)	(D)	7,698	(D)	(D)	131,470	176	50	(D)	(D)
	Value of shipments.....do...	228,614	210,817	(D)	(D)	17,797	(D)	(D)	228,206	408	113	(D)	(D)
2893	Printing ink: Establishments:												
	Total.....number..	302	145	144	1	157	116	41	260	42	23	19	...
	With 20 or more emp....do...	94	66	65	1	28	28	...	93	1	1	...	...
	All employees:												
	Number.....	7,960	5,972	(D)	(D)	1,988	(D)	(D)	7,761	199	89	110	...
	Payroll.....\$1,000..	45,069	32,835	(D)	(D)	12,234	(D)	(D)	44,108	961	442	519	...
	Value added, adjusted....do...	108,803	86,923	(D)	(D)	21,880	(D)	(D)	105,909	2,894	1,551	1,343	...
	Value of shipments.....do...	228,141	185,245	(D)	(D)	42,896	(D)	(D)	222,259	5,882	3,342	2,540	...
2894	Fatty acids: Establishments:												
	Total.....number..	12	10	10	...	2	2	...	12	...	...	...	...
	With 20 or more emp....do...	12	10	10	...	2	2	...	12	...	...	...	...
	All employees:												
	Number.....	1,558	(D)	(D)	...	(D)	(D)	...	1,558	...	...	...	...
	Payroll.....\$1,000..	9,793	(D)	(D)	...	(D)	(D)	...	9,793	...	...	...	...
	Value added, adjusted....do...	20,594	(D)	(D)	...	(D)	(D)	...	20,594	...	...	...	...
	Value of shipments.....do...	66,740	(D)	(D)	...	(D)	(D)	...	66,740	...	...	...	...
2895	Carbon black: Establishments:												
	Total.....number..	36	36	36	...	...	...	...	36	...	...	...	...
	With 20 or more emp....do...	32	32	32	...	...	...	...	32	...	...	...	...

See footnotes at end of table.

TYPE OF ORGANIZATION

3-27

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
28	Chemicals and allied products—Continued												
	Carbon black—Continued												
	All employees:												
	Number.....	3,162	3,162	3,162	...	...	...	...	3,162	...	...	...	...
	Payroll.....\$1,000..	18,606	18,606	18,606	...	...	...	...	18,606	...	...	...	...
	Value added, adjusted...do...	72,641	72,641	72,641	...	...	...	...	72,641	...	...	...	...
	Value of shipments.....do...	119,271	119,271	119,271	...	...	...	...	119,271	...	...	...	...
2899	Chemical preparations, nec.:												
	Establishments:												
	Total.....number..	1,286	194	184	10	1,092	777	315	961	325	248	77	...
	With 20 or more emp....do...	217	107	107	(D)	110	104	6	211	6	1	5	...
	All employees:												
	Number.....	24,727	14,778	14,736	42	9,949	8,899	1,050	23,635	1,092	651	441	...
	Payroll.....\$1,000..	131,810	82,046	81,874	172	49,764	45,937	3,827	127,811	3,999	2,181	1,818	...
	Value added, adjusted...do...	364,397	261,472	260,893	579	102,925	92,080	10,845	352,973	11,424	5,670	5,754	...
	Value of shipments.....do...	703,325	481,064	479,372	1,692	222,261	197,564	24,697	676,936	26,389	12,952	13,437	...
29	Petroleum and coal products:												
	Establishments:												
	Total.....number..	1,608	751	727	24	857	652	205	1,379	229	125	90	14
	With 20 or more emp....do...	653	472	459	13	181	164	17	623	30	6	15	9
	All employees:												
	Number.....	179,166	165,350	163,189	2,161	13,816	12,264	1,552	175,453	3,713	818	1,245	1,650
	Payroll.....\$1,000..	1,116,673	1,042,006	1,029,853	12,153	74,667	67,985	6,682	1,097,838	18,835	3,697	5,815	9,323
	Production workers:												
	Number.....	130,508	121,263	119,617	1,646	9,245	8,126	1,119	127,743	2,765	645	816	1,304
	Man-hours.....\$1,000..	255,360	236,958	233,632	3,326	18,402	16,361	2,041	249,993	5,367	1,238	1,474	2,655
	Wages.....\$1,000..	758,422	715,827	706,473	9,354	42,595	37,958	4,637	744,431	13,991	2,819	3,634	7,538
	Value added, adjusted...do...	2,518,424	2,335,317	2,301,165	34,152	183,107	167,584	15,523	2,468,749	49,675	8,730	13,619	27,326
	Capital expend., new...do...	671,926	657,452	646,412	11,040	14,474	13,153	1,321	659,565	12,361	491	1,672	10,198
2911	Petroleum refining:												
	Establishments:												
	Total.....number..	446	290	277	13	156	104	52	381	65	36	20	9
	With 20 or more emp....do...	313	267	257	10	46	43	3	300	13	...	5	8
	All employees:												
	Number.....	146,025	142,301	140,420	1,881	3,724	3,371	353	143,791	2,234	151	490	1,593
	Payroll.....\$1,000..	944,332	921,951	911,315	10,636	22,381	20,844	1,537	932,159	12,173	709	2,414	9,050
	Value added, adjusted...do...	2,119,402	2,057,985	2,028,522	29,463	61,417	58,311	3,106	2,086,833	32,569	1,317	5,025	26,227
	Value of shipments.....do...	14,539,055	14,206,436	14,018,246	188,190	332,619	318,492	14,127	14,336,738	202,317	6,290	28,940	167,087
2951	Paving mixtures and blocks:												
	Establishments:												
	Total.....number..	563	235	230	5	328	277	51	507	56	26	30	...
	With 20 or more emp....do...	89	34	33	1	55	48	7	81	8	3	5	...
	All employees:												
	Number.....	7,797	3,012	(D)	(D)	4,785	(D)	(D)	7,028	769	349	420	...
	Payroll.....\$1,000..	42,028	16,794	(D)	(D)	25,234	(D)	(D)	38,430	3,598	1,736	1,862	...
	Value added, adjusted...do...	112,548	48,503	(D)	(D)	64,045	(D)	(D)	103,303	9,245	4,409	4,836	...
	Value of shipments.....do...	267,676	121,714	(D)	(D)	145,962	(D)	(D)	247,303	20,373	7,518	12,855	...
2952	Asphalt felts and coatings:												
	Establishments:												
	Total.....number..	209	130	130	...	79	54	25	184	25	16	8	1
	With 20 or more emp....do...	128	105	105	...	23	22	1	127	1	1	...	...
	All employees:												
	Number.....	15,520	13,838	13,838	...	1,682	1,539	143	15,377	143	98	(D)	(D)
	Payroll.....\$1,000..	77,444	69,322	69,322	...	8,122	7,628	494	76,950	494	338	(D)	(D)
	Value added, adjusted...do...	156,487	141,317	141,317	...	15,170	14,177	993	155,494	993	487	(D)	(D)
	Value of shipments.....do...	460,104	416,586	416,586	...	43,518	40,332	3,186	456,918	3,186	1,723	(D)	(D)
2992	Lubricating oils and greases:												
	Establishments:												
	Total.....number..	306	64	59	5	242	177	65	236	70	41	25	4
	With 20 or more emp....do...	90	42	41	1	48	43	5	84	6	2	3	1
	All employees:												
	Number.....	7,568	4,486	4,425	61	3,082	2,671	411	7,096	472	210	(D)	(D)
	Payroll.....\$1,000..	42,349	25,728	25,443	285	16,621	14,629	1,992	40,072	2,277	889	(D)	(D)
	Value added, adjusted...do...	103,084	65,803	64,700	1,103	37,281	32,102	5,179	96,802	6,282	2,470	(D)	(D)
	Value of shipments.....do...	281,377	191,780	187,285	4,495	89,597	76,900	12,692	264,185	17,192	5,844	(D)	(D)
2999	Petroleum & coal products, nec.:												
	Establishments:												
	Total.....number..	84	32	31	1	52	40	12	71	13	6	7	...
	With 20 or more emp....do...	33	24	23	1	9	8	1	31	2	...	2	...
	All employees:												
	Number.....	2,256	1,713	(D)	(D)	543	(D)	(D)	2,161	95	10	85	...
	Payroll.....\$1,000..	10,520	8,211	(D)	(D)	2,309	(D)	(D)	10,227	293	25	268	...
	Value added, adjusted...do...	26,903	21,709	(D)	(D)	5,194	(D)	(D)	26,317	586	47	539	...
	Value of shipments.....do...	74,855	56,511	(D)	(D)	18,344	(D)	(D)	73,688	1,167	129	1,038	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
30	Rubber & plastics products, nec.:												
	Establishments:												
	Total.....number..	4,462	772	759	13	3,690	2,643	1,047	3,402	1,060	678	377	5
	With 20 or more emp....do...	1,827	629	624	5	1,198	1,098	100	1,722	1,060	39	63	3
	All employees:												
	Number.....	347,842	247,866	247,657	209	99,976	91,397	8,579	339,054	8,788	3,808	(D)	(D)
	Payroll.....\$1,000..	1,723,295	1,295,432	1,249,481	951	427,863	397,246	30,617	1,691,727	31,568	12,579	(D)	(D)
	Production workers:												
	Number.....	270,500	189,156	189,003	153	81,344	74,019	7,325	263,022	7,478	3,300	(D)	(D)
	Man-hours.....1,000..	530,976	370,501	370,196	305	160,475	146,939	13,536	517,135	13,841	5,908	(D)	(D)
	Wages.....\$1,000..	1,211,372	915,016	914,537	479	296,356	271,993	24,363	1,186,530	24,842	10,452	(D)	(D)
	Value added, adjusted....do...	3,276,612	2,525,551	2,523,999	1,552	751,061	684,390	66,671	3,208,389	68,223	27,166	(D)	(D)
	Capital expend., new....do...	196,898	141,534	141,450	84	55,364	47,312	8,052	188,762	8,136	4,481	(D)	(D)
3011	Tires and inner tubes:												
	Establishments:												
	Total.....number..	123	53	53	...	70	50	20	103	20	13	7	...
	With 20 or more emp....do...	86	51	51	...	35	31	4	82	4	1	3	...
	All employees:												
	Number.....	89,395	85,792	85,792	...	3,603	3,398	205	89,190	205	68	137	...
	Payroll.....\$1,000..	521,855	502,779	502,779	...	19,076	18,273	803	521,052	803	198	605	...
	Value added, adjusted....do...	1,179,957	1,140,977	1,140,977	...	38,980	37,364	1,616	1,178,341	1,616	362	1,254	...
	Value of shipments.....do...	2,577,788	2,492,308	2,492,308	...	85,480	82,098	3,382	2,574,406	3,382	707	2,675	...
3021	Rubber footwear:												
	Establishments:												
	Total.....number..	27	19	19	...	8	7	1	26	1	1	...	...
	With 20 or more emp....do...	26	19	19	...	7	7	...	26	...	...	...	...
	All employees:												
	Number.....	20,359	17,767	17,767	...	2,592	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	85,611	75,618	75,618	...	9,993	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	149,608	135,029	135,029	...	14,579	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	229,439	205,851	205,851	...	23,588	(D)	(D)	(D)	(D)	(D)	...	...
3031	Reclaimed rubber:												
	Establishments:												
	Total.....number..	16	11	11	...	5	4	1	15	1	...	1	...
	With 20 or more emp....do...	14	11	11	...	3	3	...	14	...	...	...	...
	All employees:												
	Number.....	2,215	2,065	2,065	...	150	(D)	(D)	(D)	(D)	...	(D)	...
	Payroll.....\$1,000..	11,658	10,953	10,953	...	705	(D)	(D)	(D)	(D)	...	(D)	...
	Value added, adjusted....do...	20,843	20,051	20,051	...	792	(D)	(D)	(D)	(D)	...	(D)	...
	Value of shipments.....do...	39,260	37,326	37,326	...	1,934	(D)	(D)	(D)	(D)	...	(D)	...
3069	Fabricated rubber products, nec.:												
	Establishments:												
	Total.....number..	1,074	270	267	3	804	594	210	861	213	137	74	2
	With 20 or more emp....do...	558	236	234	2	322	299	23	533	25	7	16	2
	All employees:												
	Number.....	119,565	88,729	(D)	(D)	30,836	29,058	1,778	(D)	(D)	770	(D)	(D)
	Payroll.....\$1,000..	592,964	451,783	(D)	(D)	141,181	134,315	6,866	(D)	(D)	2,844	(D)	(D)
	Value added, adjusted....do...	997,254	766,367	(D)	(D)	230,887	216,382	14,505	(D)	(D)	5,693	(D)	(D)
	Value of shipments.....do...	1,885,274	1,449,899	(D)	(D)	435,375	404,648	30,727	(D)	(D)	10,916	(D)	(D)
3079	Plastics products, nec.:												
	Establishments:												
	Total.....number..	3,222	419	409	10	2,803	1,988	815	2,397	825	527	295	3
	With 20 or more emp....do...	1,143	312	309	3	831	758	73	1,067	76	31	44	1
	All employees:												
	Number.....	116,308	53,513	(D)	(D)	62,795	(D)	(D)	109,595	6,713	(D)	3,650	(D)
	Payroll.....\$1,000..	511,207	254,299	(D)	(D)	256,908	(D)	(D)	487,827	23,380	(D)	13,357	(D)
	Value added, adjusted....do...	928,950	463,127	(D)	(D)	465,823	(D)	(D)	877,709	51,241	(D)	29,407	(D)
	Value of shipments.....do...	1,867,877	916,197	(D)	(D)	951,680	(D)	(D)	1,767,044	100,833	(D)	58,264	(D)
31	Leather and leather products:												
	Establishments:												
	Total.....number..	4,534	718	704	14	3,816	2,357	1,459	3,061	1,473	976	496	1
	With 20 or more emp....do...	2,225	656	651	5	1,569	1,359	210	2,010	215	73	141	1
	All employees:												
	Number.....	349,050	177,129	176,834	295	171,921	155,042	16,879	331,876	17,174	(D)	10,638	(D)
	Payroll.....\$1,000..	1,145,683	578,142	577,457	685	567,541	518,780	48,761	1,096,237	49,446	(D)	31,458	(D)
	Production workers:												
	Number.....	310,048	158,376	158,096	280	151,672	136,696	14,976	294,792	15,256	(D)	9,538	(D)
	Man-hours.....1,000..	565,874	287,563	287,091	472	278,311	250,733	27,578	537,824	28,050	(D)	17,760	(D)
	Wages.....\$1,000..	912,024	468,304	467,672	632	443,720	401,950	41,770	869,622	42,402	(D)	26,936	(D)
	Value added, adjusted....do...	1,897,465	999,227	997,935	1,292	898,238	806,973	91,265	1,804,908	92,557	(D)	58,498	(D)
	Capital expend., new....do...	31,736	15,470	15,457	13	16,266	13,729	2,537	29,186	2,550	(D)	1,487	(D)
3111	Leather tanning and finishing:												
	Establishments:												
	Total.....number..	578	115	114	1	463	332	131	446	132	80	52	...
	With 20 or more emp....do...	280	96	96	...	184	167	17	263	17	3	14	...
	All employees:												
	Number.....	37,130	21,196	(D)	(D)	15,934	(D)	(D)	35,434	1,696	478	1,218	...
	Payroll.....\$1,000..	165,545	94,260	(D)	(D)	71,285	(D)	(D)	158,825	6,720	1,723	4,997	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
31	Leather and leather products—Continued												
	Leather tanning and finishing—Continued												
	Value added, adjusted, \$1,000..	275,796	153,619	(D)	(D)	122,177	(D)	(D)	263,933	11,863	3,180	8,683	...
	Value of shipments.....do...	743,124	446,182	(D)	(D)	296,942	(D)	(D)	716,178	26,946	8,699	18,247	...
3121	Industrial leather belting:												
	Establishments:												
	Total.....number..	104	20	20	...	84	58	26	78	26	18	8	...
	With 20 or more emp....do...	32	17	17	...	15	15	...	32	...	...	...	...
	All employees:												
	Number.....	3,975	3,025	3,025	...	950	856	94	3,881	94	59	35	...
	Payroll.....\$1,000..	18,689	14,653	14,653	...	4,036	3,734	302	18,387	302	152	150	...
	Value added, adjusted.....do...	36,300	29,871	29,871	...	6,429	5,769	660	35,640	660	384	276	...
	Value of shipments.....do...	66,560	52,094	52,094	...	14,466	12,918	1,548	65,012	1,548	881	667	...
3131	Footwear, cut stock:												
	Establishments:												
	Total.....number..	513	77	74	3	436	287	149	361	152	95	57	...
	With 20 or more emp....do...	235	65	63	2	170	142	28	205	30	7	23	...
	All employees:												
	Number.....	18,031	6,345	(D)	(D)	11,686	(D)	(D)	15,928	2,103	682	1,421	...
	Payroll.....\$1,000..	58,489	19,979	(D)	(D)	38,510	(D)	(D)	52,405	6,084	1,795	4,289	...
	Value added, adjusted.....do...	98,380	33,748	(D)	(D)	64,632	(D)	(D)	85,667	12,713	3,898	8,815	...
	Value of shipments.....do...	256,652	110,376	(D)	(D)	146,276	(D)	(D)	229,705	26,947	8,278	18,669	...
3141	Footwear, except rubber:												
	Establishments:												
	Total.....number..	1,115	373	370	3	742	596	146	966	149	99	50	...
	With 20 or more emp....do...	887	363	363	...	524	495	29	858	29	10	19	...
	All employees:												
	Number.....	215,311	126,073	(D)	(D)	89,238	(D)	(D)	212,494	2,817	842	1,975	...
	Payroll.....\$1,000..	662,421	376,985	(D)	(D)	285,436	(D)	(D)	655,155	7,266	2,326	4,890	...
	Value added, adjusted.....do...	1,086,260	656,672	(D)	(D)	429,588	(D)	(D)	1,073,934	12,325	3,953	8,373	...
	Value of shipments.....do...	2,048,857	1,248,276	(D)	(D)	800,581	(D)	(D)	2,025,340	23,517	7,175	16,342	...
3142	House slippers:												
	Establishments:												
	Total.....number..	164	16	14	2	148	113	35	127	37	26	11	...
	With 20 or more emp....do...	97	16	14	2	81	76	5	90	7	3	4	...
	All employees:												
	Number.....	11,520	3,256	(D)	(D)	8,264	(D)	(D)	11,097	423	225	198	...
	Payroll.....\$1,000..	37,057	10,160	(D)	(D)	26,897	(D)	(D)	36,000	1,057	495	562	...
	Value added, adjusted.....do...	59,656	19,016	(D)	(D)	40,640	(D)	(D)	57,835	1,821	747	1,074	...
	Value of shipments.....do...	112,145	32,969	(D)	(D)	79,176	(D)	(D)	108,759	3,386	1,480	1,906	...
3151	Leather gloves:												
	Establishments:												
	Total.....number..	179	26	26	...	153	68	85	94	85	57	28	...
	With 20 or more emp....do...	76	22	22	...	54	42	12	64	12	8	4	...
	All employees:												
	Number.....	6,212	2,565	2,565	...	3,647	2,720	927	5,285	927	544	383	...
	Payroll.....\$1,000..	15,999	6,519	6,519	...	9,480	7,232	2,248	13,751	2,248	1,294	954	...
	Value added, adjusted.....do...	25,999	11,447	11,447	...	14,552	10,592	3,960	22,039	3,960	2,135	1,825	...
	Value of shipments.....do...	54,155	24,905	24,905	...	29,250	20,300	8,950	45,205	8,950	4,347	4,603	...
3161	Luggage:												
	Establishments:												
	Total.....number..	428	19	18	1	409	218	191	236	192	108	84	...
	With 20 or more emp....do...	159	16	16	...	143	117	26	133	26	5	21	...
	All employees:												
	Number.....	15,856	4,221	(D)	(D)	11,635	(D)	(D)	13,755	2,101	624	1,477	...
	Payroll.....\$1,000..	54,717	17,163	(D)	(D)	37,554	(D)	(D)	48,423	6,294	1,837	4,457	...
	Value added, adjusted.....do...	96,560	32,588	(D)	(D)	63,972	(D)	(D)	84,883	11,677	3,793	7,884	...
	Value of shipments.....do...	184,722	55,188	(D)	(D)	129,534	(D)	(D)	161,660	23,062	7,269	15,793	...
3171	Handbags and purses:												
	Establishments:												
	Total.....number..	620	41	38	3	579	344	235	382	238	152	86	...
	With 20 or more emp....do...	262	36	35	1	226	173	53	208	54	20	34	...
	All employees:												
	Number.....	21,953	4,742	(D)	(D)	17,211	(D)	(D)	18,336	3,617	1,435	2,182	...
	Payroll.....\$1,000..	68,632	16,439	(D)	(D)	52,193	(D)	(D)	58,845	9,787	3,792	5,995	...
	Value added, adjusted.....do...	111,496	26,781	(D)	(D)	84,715	(D)	(D)	93,463	18,033	6,428	11,605	...
	Value of shipments.....do...	231,110	60,677	(D)	(D)	170,433	(D)	(D)	195,051	36,059	14,158	21,901	...
3172	Small leather goods:												
	Establishments:												
	Total.....number..	400	16	15	1	384	185	199	200	200	140	60	...
	With 20 or more emp....do...	123	14	14	...	109	86	23	100	23	8	15	...
	All employees:												
	Number.....	13,657	4,747	(D)	(D)	8,910	(D)	(D)	11,869	1,788	695	1,093	...
	Payroll.....\$1,000..	46,483	18,846	(D)	(D)	27,637	(D)	(D)	41,329	5,154	1,918	3,236	...
	Value added, adjusted.....do...	75,791	29,994	(D)	(D)	45,797	(D)	(D)	65,720	10,071	3,832	6,239	...
	Value of shipments.....do...	138,052	53,266	(D)	(D)	84,786	(D)	(D)	119,179	18,873	7,092	11,781	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
31	Leather and leather products—Continued												
3199	Leather goods, nec.: Establishments:												
	Total.....number..	433	15	15	...	418	156	262	171	262	201	60	1
	With 20 or more emp....do...	74	11	11	...	63	46	17	57	17	9	7	1
	All employees:												
	Number.....	5,405	959	959	...	4,446	2,838	1,608	3,797	1,608	928	(D)	(D)
	Payroll.....\$1,000..	17,651	3,138	3,138	...	14,513	9,979	4,534	13,117	4,534	2,545	(D)	(D)
	Value added, adjusted....do...	31,227	5,491	5,491	...	25,736	16,303	9,433	21,794	9,433	5,619	(D)	(D)
	Value of shipments.....do...	60,178	10,318	10,318	...	49,860	32,828	17,032	43,146	17,032	10,261	(D)	(D)
32	Stone, clay and glass products:												
	Establishments:												
	Total.....number..	15,023	3,317	3,083	234	11,706	5,891	5,815	8,974	6,049	3,838	2,181	30
	With 20 or more emp....do...	4,478	2,072	2,010	62	2,406	2,083	323	4,093	385	135	243	7
	All employees:												
	Number.....	554,042	365,751	361,711	4,040	188,291	151,357	36,934	513,068	40,974	19,975	20,348	651
	Payroll.....\$1,000..	2,594,971	1,798,100	1,782,966	15,134	796,871	668,915	127,956	2,451,881	143,090	67,278	73,171	2,641
	Production workers:												
	Number.....	445,866	296,088	293,091	2,997	149,778	119,082	30,696	412,173	33,693	16,666	16,491	536
	Man-hours.....1,000..	883,823	593,973	588,051	5,922	289,850	233,781	56,069	821,832	61,991	29,891	31,026	1,074
	Wages.....\$1,000..	1,933,949	1,365,076	1,354,226	10,850	568,873	466,057	102,816	1,820,283	113,666	54,596	56,983	2,087
	Value added, adjusted....do...	5,528,952	4,033,821	4,002,651	31,170	1,495,131	1,216,561	278,570	5,219,212	309,740	136,704	167,466	5,570
	Capital expend., new....do...	442,286	299,824	296,787	3,037	142,462	103,929	38,533	400,716	41,570	22,033	18,386	1,151
3211	Flat glass:												
	Establishments:												
	Total.....number..	32	25	25	...	7	7	...	32	...	...	...	...
	With 20 or more emp....do...	31	25	25	...	6	6	...	31	...	...	...	...
	All employees:												
	Number.....	21,179	20,543	20,543	...	636	636	...	21,179	...	...	...	...
	Payroll.....\$1,000..	133,551	130,538	130,538	...	3,013	3,013	...	133,551	...	...	...	...
	Value added, adjusted....do...	263,151	259,526	259,526	...	3,625	3,625	...	263,151	...	...	...	...
	Value of shipments.....do...	384,711	377,503	377,503	...	7,208	7,208	...	384,711	...	...	...	...
3221	Glass containers:												
	Establishments:												
	Total.....number..	100	79	79	...	21	16	5	95	5	2	3	...
	With 20 or more emp....do...	92	79	79	...	13	13	...	92	...	...	...	...
	All employees:												
	Number.....	54,937	50,798	50,798	...	4,139	4,104	35	54,902	35	(D)	(D)	...
	Payroll.....\$1,000..	259,893	239,833	239,833	...	20,060	19,911	149	259,744	149	(D)	(D)	...
	Value added, adjusted....do...	532,469	496,605	496,605	...	35,864	35,635	229	532,240	229	(D)	(D)	...
	Value of shipments.....do...	862,117	800,717	800,717	...	61,400	61,072	328	861,789	328	(D)	(D)	...
3229	Pressed and blown glass, nec.:												
	Establishments:												
	Total.....number..	140	55	55	...	85	62	23	117	23	10	11	2
	With 20 or more emp....do...	98	54	54	...	44	42	2	96	2	...	...	...
	All employees:												
	Number.....	37,108	30,137	30,137	...	6,971	6,717	254	36,854	254	(D)	177	(D)
	Payroll.....\$1,000..	171,414	144,963	144,963	...	26,451	25,581	870	170,544	870	(D)	612	(D)
	Value added, adjusted....do...	312,342	274,988	274,988	...	37,354	35,833	1,521	310,821	1,521	(D)	1,168	(D)
	Value of shipments.....do...	445,361	392,202	392,202	...	53,159	50,875	2,284	443,077	2,284	(D)	1,677	(D)
3231	Products of purchased glass:												
	Establishments:												
	Total.....number..	1,031	80	73	7	951	473	478	546	485	340	140	5
	With 20 or more emp....do...	239	58	56	2	181	154	27	210	29	9	19	1
	All employees:												
	Number.....	24,024	10,623	10,233	390	13,401	10,668	2,733	20,901	3,123	(D)	1,424	(D)
	Payroll.....\$1,000..	109,570	56,356	54,932	1,424	53,214	43,873	9,341	98,805	10,765	(D)	4,792	(D)
	Value added, adjusted....do...	242,657	149,125	145,347	3,778	93,532	73,982	19,550	219,329	23,328	(D)	11,048	(D)
	Value of shipments.....do...	468,809	283,382	278,557	4,825	185,427	150,885	34,542	429,442	39,367	(D)	19,237	(D)
3241	Cement, hydraulic:												
	Establishments:												
	Total.....number..	175	158	158	...	17	15	2	173	2	1	...	1
	With 20 or more emp....do...	170	156	156	...	14	13	1	169	1	...	...	1
	All employees:												
	Number.....	41,127	38,361	38,361	...	2,766	(D)	(D)	(D)	(D)	(D)	...	(D)
	Payroll.....\$1,000..	214,221	199,710	199,710	...	14,511	(D)	(D)	(D)	(D)	(D)	...	(D)
	Value added, adjusted....do...	724,771	678,500	678,500	...	46,271	(D)	(D)	(D)	(D)	(D)	...	(D)
	Value of shipments.....do...	1,073,494	1,008,035	1,008,035	...	65,459	(D)	(D)	(D)	(D)	(D)	...	(D)
3251	Brick and structural tile:												
	Establishments:												
	Total.....number..	569	197	193	4	372	281	91	474	95	49	45	1
	With 20 or more emp....do...	430	187	183	4	243	212	31	395	35	9	24	2
	All employees:												
	Number.....	31,087	15,235	14,966	269	15,852	14,339	1,513	29,305	1,782	(D)	1,062	(D)
	Payroll.....\$1,000..	122,868	61,042	60,421	621	61,826	57,011	4,815	117,432	5,436	(D)	3,222	(D)
	Value added, adjusted....do...	196,890	101,778	100,832	946	95,112	86,898	8,214	187,730	9,160	(D)	5,841	(D)
	Value of shipments.....do...	286,709	146,079	144,552	1,527	140,630	127,592	13,038	272,144	14,565	(D)	9,142	(D)

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
32	Stone, clay and glass products—Continued												
3253	Ceramic wall and floor tile:												
	Establishments:												
	Total.....number..	90	30	29	1	60	46	14	75	15	8	7	...
	With 20 or more emp....do...	62	28	27	1	34	31	3	58	4	2	2	...
	All employees:												
	Number.....	13,068	9,108	(D)	(D)	3,960	(D)	(D)	12,863	205	(D)	(D)	...
	Payroll.....\$1,000..	53,738	38,616	(D)	(D)	15,122	(D)	(D)	53,063	675	(D)	(D)	...
	Value added, adjusted....do...	92,779	67,570	(D)	(D)	25,209	(D)	(D)	91,459	1,320	(D)	(D)	...
	Value of shipments.....do...	135,470	95,710	(D)	(D)	39,760	(D)	(D)	133,512	1,958	(D)	(D)	...
3255	Clay refractories:												
	Establishments:												
	Total.....number..	167	98	98	...	69	55	14	153	14	7	7	...
	With 20 or more emp....do...	117	85	85	...	32	30	2	115	2	1	1	...
	All employees:												
	Number.....	12,394	10,194	10,194	...	2,200	2,061	139	12,255	139	79	60	...
	Payroll.....\$1,000..	59,816	49,382	49,382	...	10,434	9,712	722	59,094	722	443	279	...
	Value added, adjusted....do...	104,898	88,619	88,619	...	16,279	14,820	1,459	103,439	1,459	840	619	...
	Value of shipments.....do...	163,478	136,170	136,170	...	27,308	25,147	2,161	161,317	2,161	1,125	1,036	...
3259	Structural clay products, nec.:												
	Establishments:												
	Total.....number..	192	81	79	2	111	62	49	141	51	25	24	2
	With 20 or more emp....do...	117	75	74	1	42	37	5	111	6	3	2	1
	All employees:												
	Number.....	13,756	10,085	(D)	(D)	3,671	(D)	(D)	13,327	429	216	(D)	(D)
	Payroll.....\$1,000..	56,454	41,993	(D)	(D)	14,461	(D)	(D)	54,842	1,612	828	(D)	(D)
	Value added, adjusted....do...	95,881	72,765	(D)	(D)	23,116	(D)	(D)	92,807	3,074	1,426	(D)	(D)
	Value of shipments.....do...	134,928	102,194	(D)	(D)	32,734	(D)	(D)	130,701	4,227	2,014	(D)	(D)
3261	Vitreous plumbing fixtures:												
	Establishments:												
	Total.....number..	49	25	25	...	24	23	1	48	1	...	1	...
	With 20 or more emp....do...	43	25	25	...	18	17	1	42	1	...	1	...
	All employees:												
	Number.....	9,677	7,589	7,589	...	2,088	(D)	(D)	(D)	(D)	...	(D)	...
	Payroll.....\$1,000..	49,568	40,007	40,007	...	9,561	(D)	(D)	(D)	(D)	...	(D)	...
	Value added, adjusted....do...	87,293	73,412	73,412	...	13,881	(D)	(D)	(D)	(D)	...	(D)	...
	Value of shipments.....do...	142,683	117,511	117,511	...	25,172	(D)	(D)	(D)	(D)	...	(D)	...
3262	Vitreous china food utensils:												
	Establishments:												
	Total.....number..	29	10	9	1	19	15	4	24	5	4	1	...
	With 20 or more emp....do...	24	10	9	1	14	13	1	22	2	1	1	...
	All employees:												
	Number.....	7,640	4,902	(D)	(D)	2,738	(D)	(D)	7,386	254	(D)	(D)	...
	Payroll.....\$1,000..	30,211	20,728	(D)	(D)	9,483	(D)	(D)	29,366	845	(D)	(D)	...
	Value added, adjusted....do...	42,355	29,158	(D)	(D)	13,197	(D)	(D)	41,351	1,004	(D)	(D)	...
	Value of shipments.....do...	51,885	35,528	(D)	(D)	16,357	(D)	(D)	50,652	1,233	(D)	(D)	...
3263	Earthenware food utensils:												
	Establishments:												
	Total.....number..	34	10	10	...	24	17	7	27	7	6	1	...
	With 20 or more emp....do...	26	10	10	...	16	14	2	24	2	2	...	...
	All employees:												
	Number.....	8,555	5,121	5,121	...	3,434	3,328	106	8,449	106	(D)	(D)	...
	Payroll.....\$1,000..	27,812	16,300	16,300	...	11,512	11,224	288	27,524	288	(D)	(D)	...
	Value added, adjusted....do...	34,170	19,201	19,201	...	14,969	14,452	517	33,653	517	(D)	(D)	...
	Value of shipments.....do...	48,517	26,764	26,764	...	21,753	20,539	1,214	47,303	1,214	(D)	(D)	...
3264	Porcelain electrical supplies:												
	Establishments:												
	Total.....number..	59	20	20	...	39	33	6	53	6	1	5	...
	With 20 or more emp....do...	44	20	20	...	24	23	1	43	1	...	1	...
	All employees:												
	Number.....	9,107	5,857	5,857	...	3,250	2,988	262	8,845	262	(D)	(D)	...
	Payroll.....\$1,000..	42,362	28,618	28,618	...	13,744	12,639	1,105	41,257	1,105	(D)	(D)	...
	Value added, adjusted....do...	66,074	45,040	45,040	...	21,034	19,062	1,972	64,102	1,972	(D)	(D)	...
	Value of shipments.....do...	97,475	67,862	67,862	...	29,613	26,972	2,641	94,834	2,641	(D)	(D)	...
3269	Pottery products, nec.:												
	Establishments:												
	Total.....number..	584	18	18	...	566	189	377	207	377	254	121	2
	With 20 or more emp....do...	108	14	14	...	94	71	23	85	23	11	11	1
	All employees:												
	Number.....	9,240	1,921	1,921	...	7,319	4,904	2,415	6,825	2,415	1,331	(D)	(D)
	Payroll.....\$1,000..	31,194	7,812	7,812	...	23,382	16,877	6,505	24,689	6,505	3,457	(D)	(D)
	Value added, adjusted....do...	54,020	13,038	13,038	...	40,982	28,668	12,314	41,706	12,314	6,104	(D)	(D)
	Value of shipments.....do...	78,755	20,681	20,681	...	58,074	41,270	16,804	61,951	16,804	8,653	(D)	(D)
3271	Concrete block and brick:												
	Establishments:												
	Total.....number..	1,796	140	126	14	1,656	722	934	848	948	629	318	1
	With 20 or more emp....do...	336	74	71	3	262	225	37	296	40	16	24	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
32	Stone, clay and glass products—Continued												
	Concrete block and brick—Continued												
	All employees:												
	Number.....	22,766	4,295	4,075	220	18,471	13,195	5,276	17,270	5,496	3,144	(D)	(D)
	Payroll.....\$1,000..	98,103	19,673	19,032	641	78,430	61,038	17,392	80,070	18,033	10,138	(D)	(D)
	Value added, adjusted....do...	190,355	39,822	38,092	1,730	150,533	114,331	36,202	152,423	37,932	20,086	(D)	(D)
	Value of shipments.....do...	413,670	82,557	79,202	3,355	331,113	242,866	88,247	322,068	91,602	47,981	(D)	(D)
3272	Concrete products:												
	Establishments:												
	Total.....number..	3,455	463	419	44	2,992	1,113	1,879	1,532	1,923	1,350	568	5
	With 20 or more emp....do...	616	262	251	11	354	296	58	547	69	25	44	...
	All employees:												
	Number.....	46,182	18,587	17,949	638	27,595	18,451	9,144	36,400	9,782	5,501	4,260	21
	Payroll.....\$1,000..	199,883	88,190	85,801	2,389	111,693	80,634	31,509	166,435	33,448	17,964	15,416	68
	Value added, adjusted....do...	390,378	185,197	180,934	4,263	205,181	140,067	65,114	321,001	69,377	35,269	33,991	117
	Value of shipments.....do...	718,543	341,219	333,637	7,582	377,324	256,654	120,670	590,291	128,252	63,680	64,344	228
3273	Ready-mixed concrete:												
	Establishments:												
	Total.....number..	3,647	988	856	132	2,659	1,643	1,016	2,499	1,148	583	561	4
	With 20 or more emp....do...	944	352	322	30	592	529	63	851	93	29	62	2
	All employees:												
	Number.....	61,890	22,903	21,267	1,636	38,987	31,250	7,737	52,517	9,373	4,135	5,155	83
	Payroll.....\$1,000..	301,607	116,618	109,483	7,135	184,989	155,978	29,011	265,461	36,146	15,488	20,195	463
	Value added, adjusted....do...	676,062	262,545	246,772	15,773	413,517	335,461	78,056	582,233	93,829	37,321	55,670	838
	Value of shipments.....do...	1,681,926	664,618	626,169	38,449	1,017,308	833,619	183,689	1,459,788	222,138	91,441	128,345	2,352
3274	Lime:												
	Establishments:												
	Total.....number..	137	79	79	...	58	25	33	104	33	22	11	...
	With 20 or more emp....do...	76	55	55	...	21	15	6	70	6	2	4	...
	All employees:												
	Number.....	7,185	5,753	5,753	...	1,432	875	557	6,628	557	195	362	...
	Payroll.....\$1,000..	32,754	26,859	26,859	...	5,895	4,156	1,739	31,015	1,739	467	1,272	...
	Value added, adjusted....do...	73,597	62,021	62,021	...	11,576	7,452	4,124	69,473	4,124	1,405	2,719	...
	Value of shipments.....do...	130,948	111,207	111,207	...	19,741	13,579	6,162	124,786	6,162	1,993	4,169	...
3275	Gypsum products:												
	Establishments:												
	Total.....number..	126	70	69	1	56	18	38	87	39	24	15	...
	With 20 or more emp....do...	63	61	61	...	2	2	...	63	...	...	...	...
	All employees:												
	Number.....	11,502	11,144	(D)	(D)	358	(D)	(D)	11,385	117	58	59	...
	Payroll.....\$1,000..	57,978	56,323	(D)	(D)	1,655	(D)	(D)	57,588	390	179	211	...
	Value added, adjusted....do...	218,042	214,379	(D)	(D)	3,663	(D)	(D)	216,875	1,167	437	730	...
	Value of shipments.....do...	364,947	357,440	(D)	(D)	7,507	(D)	(D)	362,883	2,064	738	1,326	...
3281	Cut stone and stone products:												
	Establishments:												
	Total.....number..	1,001	121	101	20	880	391	489	492	509	292	211	6
	With 20 or more emp....do...	243	68	62	6	175	139	36	203	40	10	30	...
	All employees:												
	Number.....	20,348	8,379	7,976	403	11,969	8,475	3,494	16,451	3,897	1,504	2,342	51
	Payroll.....\$1,000..	83,038	33,301	31,983	1,318	49,737	36,623	13,114	68,606	14,432	5,324	8,890	218
	Value added, adjusted....do...	129,038	49,712	47,401	2,311	79,326	54,496	24,830	101,897	27,141	9,572	17,190	379
	Value of shipments.....do...	206,264	75,867	72,039	3,828	130,397	87,145	43,252	159,184	47,080	17,405	28,893	782
3291	Abrasive products:												
	Establishments:												
	Total.....number..	354	92	92	...	262	190	72	282	72	43	29	...
	With 20 or more emp....do...	130	67	67	...	63	59	4	126	4	1	3	...
	All employees:												
	Number.....	23,955	19,592	19,592	...	4,363	3,947	416	23,539	416	159	257	...
	Payroll.....\$1,000..	127,912	106,471	106,471	...	21,441	19,632	1,809	126,103	1,809	585	1,224	...
	Value added, adjusted....do...	277,706	231,777	231,777	...	45,929	41,677	4,252	273,454	4,252	1,497	2,755	...
	Value of shipments.....do...	490,752	409,273	409,273	...	81,479	72,988	8,491	482,261	8,491	2,948	5,543	...
3292	Asbestos products:												
	Establishments:												
	Total.....number..	109	71	71	...	38	30	8	101	8	8	...	...
	With 20 or more emp....do...	80	66	66	...	14	14	...	80	...	...	...	...
	All employees:												
	Number.....	21,292	19,756	19,756	...	1,536	1,480	56	21,236	56	56	...	...
	Payroll.....\$1,000..	106,411	98,551	98,551	...	7,860	7,684	176	106,235	176	176	...	...
	Value added, adjusted....do...	235,487	221,359	221,359	...	14,128	13,766	362	235,125	362	362	...	...
	Value of shipments.....do...	453,488	415,101	415,101	...	38,387	37,586	801	452,687	801	801	...	...
3293	Gaskets and insulations:												
	Establishments:												
	Total.....number..	282	50	48	2	232	166	66	214	68	42	25	1
	With 20 or more emp....do...	99	39	37	2	60	55	5	92	7	3	3	1
	All employees:												
	Number.....	13,494	8,996	(D)	(D)	4,498	(D)	(D)	12,989	505	(D)	257	(D)
	Payroll.....\$1,000..	65,078	44,528	(D)	(D)	20,550	(D)	(D)	63,113	1,965	(D)	1,010	(D)
	Value added, adjusted....do...	105,211	70,140	(D)	(D)	35,071	(D)	(D)	101,068	4,143	(D)	2,309	(D)
	Value of shipments.....do...	188,684	121,687	(D)	(D)	66,997	(D)	(D)	180,075	8,609	(D)	4,609	(D)

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
32	Stone, clay and glass products—Continued												
3295	Minerals; ground or treated: Establishments:												
	Total.....number..	391	189	186	3	202	151	51	337	54	29	25	...
	With 20 or more emp....do...	104	79	79	...	25	24	1	103	1	1	...	...
	All employees:												
	Number.....	7,906	5,502	5,467	35	2,404	2,108	296	7,575	331	197	134	...
	Payroll.....\$1,000..	40,328	29,672	29,466	206	10,656	9,757	899	39,223	1,105	606	499	...
	Value added, adjusted....do...	111,414	88,745	88,199	546	22,669	20,974	1,695	109,173	2,241	1,001	1,240	...
	Value of shipments.....do...	208,327	166,332	165,441	891	41,995	38,831	3,164	204,272	4,055	2,052	2,003	...
3296	Mineral wool: Establishments:												
	Total.....number..	135	80	80	...	55	42	13	122	13	9	4	...
	With 20 or more emp....do...	69	49	49	...	20	18	2	67	2	1	1	...
	All employees:												
	Number.....	12,294	11,097	11,097	...	1,197	1,068	129	12,165	129	(D)	(D)	...
	Payroll.....\$1,000..	61,058	55,635	55,635	...	5,423	4,846	577	60,481	577	(D)	(D)	...
	Value added, adjusted....do...	137,577	125,761	125,761	...	11,816	10,773	1,043	136,534	1,043	(D)	(D)	...
	Value of shipments.....do...	251,681	230,377	230,377	...	21,304	18,572	2,732	248,949	2,732	(D)	(D)	...
3297	Nonclay refractories: Establishments:												
	Total.....number..	84	60	60	...	24	17	7	77	7	5	2	...
	With 20 or more emp....do...	66	57	57	...	9	8	1	65	1	1	...	...
	All employees:												
	Number.....	8,013	7,516	7,516	...	497	427	70	7,943	70	(D)	(D)	...
	Payroll.....\$1,000..	41,167	38,382	38,382	...	2,785	2,516	269	40,898	269	(D)	(D)	...
	Value added, adjusted....do...	102,362	97,062	97,062	...	5,300	4,817	483	101,879	483	(D)	(D)	...
	Value of shipments.....do...	177,643	169,394	169,394	...	8,249	7,329	920	176,723	920	(D)	(D)	...
3299	Nonmetallic minerals, nec.: Establishments:												
	Total.....number..	254	28	25	3	226	88	138	113	141	95	46	...
	With 20 or more emp....do...	51	17	15	2	34	20	14	35	16	8	8	...
	All employees:												
	Number.....	4,316	1,757	(D)	(D)	2,559	(D)	(D)	3,285	1,031	590	441	...
	Payroll.....\$1,000..	16,982	7,999	(D)	(D)	8,983	(D)	(D)	13,832	3,150	1,926	1,224	...
	Value added, adjusted....do...	31,973	15,976	(D)	(D)	15,997	(D)	(D)	26,145	5,828	3,463	2,365	...
	Value of shipments.....do...	58,947	28,609	(D)	(D)	30,338	(D)	(D)	49,445	9,502	5,738	3,764	...
33	Primary metal industries: Establishments:												
	Total.....number..	6,446	1,738	1,704	34	4,708	3,210	1,498	4,914	1,532	914	605	13
	With 20 or more emp....do...	3,411	1,561	1,545	16	1,850	1,673	177	3,218	193	72	115	6
	All employees:												
	Number.....	1,096,359	928,628	926,779	1,849	167,731	154,021	13,710	1,080,800	15,559	(D)	7,697	(D)
	Payroll.....\$1,000..	6,303,447	5,485,112	5,475,711	9,401	818,335	763,572	54,763	6,239,283	64,164	(D)	31,825	(D)
	Production workers:												
	Number.....	886,593	747,932	764,450	1,482	138,661	126,841	11,821	873,291	13,302	(D)	6,659	(D)
	Man-hours.....1,000..	1,676,937	1,412,243	1,409,414	2,829	264,694	242,850	21,844	1,652,264	24,673	(D)	12,536	(D)
	Wages.....\$1,000..	4,713,957	4,113,762	4,106,707	7,055	600,195	554,785	45,410	4,661,492	52,465	(D)	26,217	(D)
	Value added, adjusted....do...	11,671,341	10,379,774	10,366,823	12,951	1,291,567	1,192,776	98,791	11,559,599	111,742	(D)	59,997	(D)
	Capital expend., new....do...	1,427,619	1,359,474	1,358,458	1,016	68,145	62,532	5,613	1,420,990	6,629	(D)	3,136	(D)
3312	Blast furnaces and steel mills: Establishments:												
	Total.....number..	291	247	240	7	44	36	8	276	15	5	7	3
	With 20 or more emp....do...	260	234	227	7	26	26	...	253	7	2	2	3
	All employees:												
	Number.....	511,392	504,550	(D)	(D)	6,842	6,813	29	(D)	(D)	(D)	(D)	(D)
	Payroll.....\$1,000..	3,183,483	3,142,103	(D)	(D)	41,380	41,283	97	(D)	(D)	(D)	(D)	(D)
	Value added, adjusted....do...	6,062,227	5,991,471	(D)	(D)	70,756	70,591	165	(D)	(D)	(D)	(D)	(D)
	Value of shipments.....do...	(3)	(3)	(D)	(D)	(3)	(3)	(3)	(D)	(D)	(D)	(D)	(D)
3313	Electrometallurgical products: Establishments:												
	Total.....number..	37	32	32	...	5	4	1	36	1	1	...	...
	With 20 or more emp....do...	35	32	32	...	3	3	...	35	...	...	...	...
	All employees:												
	Number.....	12,689	12,574	12,574	...	115	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	71,883	71,245	71,245	...	638	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	178,880	177,418	177,418	...	1,462	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	399,122	394,226	394,226	...	4,896	(D)	(D)	(D)	(D)	(D)	...	...
3315	Steel wire drawing: Establishments:												
	Total.....number..	170	63	63	...	107	82	25	145	25	14	11	...
	With 20 or more emp....do...	103	56	56	...	47	45	2	101	2	2	...	...
	All employees:												
	Number.....	19,250	15,296	15,296	...	3,954	3,662	292	18,958	292	234	58	...
	Payroll.....\$1,000..	110,184	89,645	89,645	...	20,539	19,128	1,411	108,773	1,411	1,181	230	...
	Value added, adjusted....do...	196,200	155,574	155,574	...	40,626	36,959	3,667	192,533	3,667	3,214	453	...
	Value of shipments.....do...	452,062	356,766	356,766	...	95,296	90,040	5,256	446,806	5,256	4,291	965	...

See footnotes at end of table.

MANUFACTURERS—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
33	Primary metal industries—Continued												
3316	Cold finishing of steel shapes: Establishments:												
	Total.....number..	78	53	53	...	25	18	7	71	7	6	1	...
	With 20 or more emp....do...	63	49	49	...	14	14	...	63	...	...	...	...
	All employees:												
	Number.....	10,943	9,417	9,417	...	1,526	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	67,084	57,959	57,959	...	9,125	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	141,516	120,128	120,128	...	21,388	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	477,824	405,738	405,738	...	72,086	(D)	(D)	(D)	(D)	(D)	(D)	...
3317	Steel pipe and tubes: Establishments:												
	Total.....number..	136	65	65	...	71	61	10	126	10	5	5	...
	With 20 or more emp....do...	101	58	58	...	43	41	2	99	2	...	2	...
	All employees:												
	Number.....	23,911	19,899	19,899	...	4,012	3,928	84	23,827	84	16	68	...
	Payroll.....\$1,000..	138,144	115,933	115,933	...	22,211	21,745	466	137,678	466	58	408	...
	Value added, adjusted....do...	284,096	243,458	243,458	...	40,638	39,978	660	283,436	660	53	607	...
	Value of shipments.....do...	780,684	676,633	676,633	...	104,051	102,049	2,002	778,682	2,002	370	1,632	...
3321	Gray iron foundries: Establishments:												
	Total.....number..	1,310	283	278	5	1,027	708	319	986	324	164	156	4
	With 20 or more emp....do...	848	264	261	3	584	504	80	765	83	28	53	2
	All employees:												
	Number.....	112,670	62,548	62,421	127	50,122	45,262	4,860	107,683	4,987	(D)	2,957	(D)
	Payroll.....\$1,000..	531,152	316,011	315,519	492	215,141	197,791	17,350	513,310	17,842	(D)	11,044	(D)
	Value added, adjusted....do...	810,758	512,254	511,441	813	298,504	270,005	28,499	781,446	29,312	(D)	19,133	(D)
	Value of shipments.....do...	1,434,701	952,471	950,938	1,533	482,230	438,596	43,634	1,389,534	45,167	(D)	28,956	(D)
3322	Malleable iron foundries: Establishments:												
	Total.....number..	82	39	38	1	43	43	...	81	1	...	1	...
	With 20 or more emp....do...	74	37	37	...	37	37	...	74	...	...	...	...
	All employees:												
	Number.....	20,230	14,530	(D)	(D)	5,700	5,700	...	(D)	(D)	...	(D)	...
	Payroll.....\$1,000..	100,579	74,942	(D)	(D)	25,637	25,637	...	(D)	(D)	...	(D)	...
	Value added, adjusted....do...	127,592	93,861	(D)	(D)	33,731	33,731	...	(D)	(D)	...	(D)	...
	Value of shipments.....do...	214,537	162,467	(D)	(D)	52,070	52,070	...	(D)	(D)	...	(D)	...
3323	Steel foundries: Establishments:												
	Total.....number..	256	116	115	1	140	120	20	235	21	9	12	...
	With 20 or more emp....do...	216	112	111	1	104	100	4	211	5	2	3	...
	All employees:												
	Number.....	49,133	34,835	(D)	(D)	14,298	(D)	(D)	48,681	452	149	303	...
	Payroll.....\$1,000..	254,338	183,106	(D)	(D)	71,232	(D)	(D)	252,513	1,825	530	1,295	...
	Value added, adjusted....do...	383,870	283,488	(D)	(D)	100,382	(D)	(D)	381,002	2,868	641	2,227	...
	Value of shipments.....do...	596,276	445,975	(D)	(D)	150,301	(D)	(D)	591,790	4,486	1,304	3,182	...
3331	Primary copper: Establishments:												
	Total.....number..	30	29	29	...	1	...	1	29	1	...	1	...
	With 20 or more emp....do...	29	28	28	...	1	...	1	28	1	...	1	...
	All employees:												
	Number.....	14,561	(D)	(D)	...	(D)	...	(D)	(D)	(D)	...	(D)	...
	Payroll.....\$1,000..	76,116	(D)	(D)	...	(D)	...	(D)	(D)	(D)	...	(D)	...
	Value added, adjusted....do...	158,122	(D)	(D)	...	(D)	...	(D)	(D)	(D)	...	(D)	...
	Value of shipments.....do...	(³)	(D)	(D)	...	(D)	...	(D)	(D)	(D)	...	(D)	...
3332	Primary lead: Establishments:												
	Total.....number..	13	13	13	...	...	...	...	13	...	...	...	...
	With 20 or more emp....do...	13	13	13	...	...	...	...	13	...	...	...	...
	All employees:												
	Number.....	3,563	3,563	3,563	...	...	...	...	3,563	...	...	...	...
	Payroll.....\$1,000..	18,182	18,182	18,182	...	...	...	...	18,182	...	...	...	...
	Value added, adjusted....do...	36,325	36,325	36,325	...	...	...	...	36,325	...	...	...	...
	Value of shipments.....do...	(³)	(³)	(³)	...	...	...	...	(³)	...	...	...	...
3333	Primary zinc: Establishments:												
	Total.....number..	20	19	19	...	1	1	...	20	...	...	...	...
	With 20 or more emp....do...	20	19	19	...	1	1	...	20	...	...	...	...
	All employees:												
	Number.....	8,923	(D)	(D)	...	(D)	(D)	...	8,923	...	...	...	...
	Payroll.....\$1,000..	44,078	(D)	(D)	...	(D)	(D)	...	44,078	...	...	...	...
	Value added, adjusted....do...	71,653	(D)	(D)	...	(D)	(D)	...	71,653	...	...	...	...
	Value of shipments.....do...	208,993	(D)	(D)	...	(D)	(D)	...	208,993	...	...	...	...
3334	Primary aluminum: Establishments:												
	Total.....number..	20	20	20	...	...	...	...	20	...	...	...	...
	With 20 or more emp....do...	20	20	20	...	...	...	...	20	...	...	...	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
33	Primary metal industries—Continued												
	Primary aluminum—Continued												
	All employees:												
	Number.....	17,381	17,381	17,381	...	...	...	...	17,381	...	...	...	...
	Payroll.....\$1,000..	111,588	111,588	111,588	...	...	...	...	111,588	...	...	...	...
	Value added, adjusted....do...	383,836	383,836	383,836	...	...	...	...	383,836	...	...	...	...
	Value of shipments.....do...	808,822	808,822	808,822	...	...	...	...	808,822	...	...	...	...
3339	Primary nonferrous metals, nec.:												
	Establishments:												
	Total.....number..	29	20	20	...	9	6	3	26	3	...	3	...
	With 20 or more emp....do...	18	16	16	...	2	2	...	18	...	...	...	...
	All employees:												
	Number.....	2,658	2,451	2,451	...	207	(D)	(D)	(D)	(D)	...	(D)	...
	Payroll.....\$1,000..	15,939	14,778	14,778	...	1,161	(D)	(D)	(D)	(D)	...	(D)	...
	Value added, adjusted....do...	50,495	47,769	47,769	...	2,726	(D)	(D)	(D)	(D)	...	(D)	...
	Value of shipments.....do...	96,565	84,316	84,316	...	12,249	(D)	(D)	(D)	(D)	...	(D)	...
3341	Secondary nonferrous metals:												
	Establishments:												
	Total.....	387	86	82	4	301	224	77	306	81	42	38	1
	With 20 or more emp....do...	152	65	64	1	87	80	7	144	8	3	5	...
	All employees:												
	Number.....	14,441	8,361	8,319	42	6,080	5,574	506	13,893	548	(D)	289	(D)
	Payroll.....\$1,000..	75,669	45,651	45,487	164	30,018	27,955	2,063	73,442	2,227	(D)	1,256	(D)
	Value added, adjusted....do...	147,283	87,575	87,226	349	59,708	55,603	4,105	142,829	4,454	(D)	2,608	(D)
	Value of shipments.....do...	724,013	438,851	437,870	981	285,162	256,565	28,597	694,435	29,578	(D)	19,941	(D)
3351	Copper rolling and drawing:												
	Establishments:												
	Total.....number..	105	68	68	...	37	34	3	102	2	1	2	...
	With 20 or more emp....do...	89	67	67	...	22	22	...	89	...	...	...	...
	All employees:												
	Number.....	40,329	37,731	37,731	...	2,598	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	222,259	208,015	208,015	...	14,244	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	443,371	416,940	416,940	...	28,431	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	1,209,926	1,135,106	1,135,106	...	74,820	(D)	(D)	(D)	(D)	(D)	(D)	...
3352	Aluminum rolling and drawing:												
	Establishments:												
	Total.....number..	185	82	81	1	103	92	11	173	12	7	5	...
	With 20 or more emp....do...	129	77	76	1	52	51	1	127	2	...	2	...
	All employees:												
	Number.....	46,879	42,570	(D)	(D)	4,309	(D)	(D)	46,723	156	22	134	...
	Payroll.....\$1,000..	272,168	250,990	(D)	(D)	21,178	(D)	(D)	271,653	515	79	436	...
	Value added, adjusted....do...	537,086	495,725	(D)	(D)	41,361	(D)	(D)	536,113	973	197	776	...
	Value of shipments.....do...	1,562,381	1,440,379	(D)	(D)	122,002	(D)	(D)	1,559,699	2,682	442	2,240	...
3356	Rolling and drawing, nec.:												
	Establishments:												
	Total.....number..	143	54	54	...	89	73	16	127	16	9	7	...
	With 20 or more emp....do...	73	50	50	...	23	22	1	72	1	...	1	...
	All employees:												
	Number.....	16,571	14,721	14,721	...	1,850	1,576	274	16,297	274	32	242	...
	Payroll.....\$1,000..	94,713	85,230	85,230	...	9,483	8,246	1,237	93,476	1,237	121	1,116	...
	Value added, adjusted....do...	174,633	155,718	155,718	...	18,915	15,795	3,120	171,513	3,120	404	2,716	...
	Value of shipments.....do...	486,308	425,037	425,037	...	61,271	50,877	10,394	475,914	10,394	1,484	8,910	...
3357	Nonferrous wire drawing, etc.:												
	Establishments:												
	Total.....number..	278	121	120	1	157	130	27	250	28	23	5	...
	With 20 or more emp....do...	182	114	113	1	68	67	1	180	2	1	1	...
	All employees:												
	Number.....	56,493	46,048	(D)	(D)	10,445	(D)	(D)	56,223	270	184	86	...
	Payroll.....\$1,000..	296,157	244,248	(D)	(D)	51,909	(D)	(D)	294,955	1,202	824	378	...
	Value added, adjusted....do...	568,911	476,970	(D)	(D)	91,941	(D)	(D)	566,870	2,041	1,300	741	...
	Value of shipments.....do...	1,532,508	1,308,897	(D)	(D)	223,611	(D)	(D)	1,527,154	5,354	3,774	1,580	...
3361	Aluminum castings:												
	Establishments:												
	Total.....number..	955	90	84	6	865	456	409	540	415	280	135	...
	With 20 or more emp....do...	283	66	65	1	217	193	24	258	25	12	13	...
	All employees:												
	Number.....	30,045	12,725	12,680	45	17,320	14,818	2,502	27,498	2,547	1,443	1,104	...
	Payroll.....\$1,000..	158,915	73,937	73,751	186	84,978	75,048	9,930	148,799	10,116	5,494	4,622	...
	Value added, adjusted....do...	225,686	101,711	101,360	351	123,975	106,352	17,623	207,712	17,974	9,552	8,422	...
	Value of shipments.....do...	422,041	189,672	189,077	595	232,369	200,087	32,282	389,164	32,877	18,428	14,449	...
3362	Brass, bronze, and copper castings:												
	Establishments:												
	Total.....number..	665	55	52	3	610	356	254	408	257	172	84	1
	With 20 or more emp....do...	209	42	42	...	167	144	23	186	23	10	13	...
	All employees:												
	Number.....	14,861	4,122	(D)	(D)	10,739	(D)	(D)	12,848	2,013	1,128	(D)	(D)
	Payroll.....\$1,000..	70,512	19,644	(D)	(D)	50,868	(D)	(D)	62,291	8,221	4,550	(D)	(D)
	Value added, adjusted....do...	109,744	33,986	(D)	(D)	75,758	(D)	(D)	95,654	14,090	7,319	(D)	(D)
	Value of shipments.....do...	220,955	75,148	(D)	(D)	145,807	(D)	(D)	193,960	26,995	14,624	(D)	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
33	Primary metal industries—Continued												
3369	Nonferrous castings, nec.: Establishments:												
	Total.....number..	345	43	42	1	302	194	108	236	109	64	44	1
	With 20 or more emp....do...	136	36	36	...	100	91	9	127	9	1	8	...
	All employees:												
	Number.....	17,253	8,617	(D)	(D)	8,636	(D)	(D)	16,360	893	(D)	636	(D)
	Payroll.....\$1,000..	89,239	46,620	(D)	(D)	42,619	(D)	(D)	85,491	3,748	(D)	2,770	(D)
	Value added, adjusted....do...	135,311	66,723	(D)	(D)	68,588	(D)	(D)	128,248	7,063	(D)	5,359	(D)
	Value of shipments.....do...	234,649	115,772	(D)	(D)	118,877	(D)	(D)	221,180	13,469	(D)	10,115	(D)
3391	Iron and steel forgings: Establishments:												
	Total.....number..	301	70	70	...	231	175	56	245	56	33	21	2
	With 20 or more emp....do...	189	63	63	...	126	120	6	183	6	4	2	...
	All employees:												
	Number.....	36,456	25,495	25,495	...	10,961	10,554	407	36,049	407	230	(D)	(D)
	Payroll.....\$1,000..	213,714	149,735	149,735	...	63,979	61,924	2,055	211,659	2,055	1,020	(D)	(D)
	Value added, adjusted....do...	310,148	208,544	208,544	...	101,604	98,149	3,455	306,693	3,455	1,426	(D)	(D)
	Value of shipments.....do...	670,916	459,012	459,012	...	211,904	205,077	6,827	664,089	6,827	3,111	(D)	(D)
3392	Nonferrous forgings: Establishments:												
	Total.....number..	29	13	13	...	16	14	2	27	2	1	1	...
	With 20 or more emp....do...	20	13	13	...	7	7	...	20	...	...	...	...
	All employees:												
	Number.....	5,932	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	34,634	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	40,963	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	115,048	(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
3399	Primary metal industries, nec.: Establishments:												
	Total.....number..	581	57	53	4	524	383	141	436	145	78	66	1
	With 20 or more emp....do...	149	30	29	1	119	103	16	132	17	7	9	1
	All employees:												
	Number.....	9,795	2,438	(D)	(D)	7,357	(D)	(D)	8,629	1,166	(D)	590	(D)
	Payroll.....\$1,000..	52,717	14,129	(D)	(D)	38,588	(D)	(D)	47,166	5,551	(D)	2,905	(D)
	Value added, adjusted....do...	90,656	24,636	(D)	(D)	66,020	(D)	(D)	79,509	11,147	(D)	6,575	(D)
	Value of shipments.....do...	141,172	45,905	(D)	(D)	95,267	(D)	(D)	124,007	17,165	(D)	10,643	(D)
34	Fabricated metal products: Establishments:												
	Total.....number..	24,782	2,921	2,816	105	21,861	12,915	8,946	15,731	9,051	6,043	2,979	29
	With 20 or more emp....do...	8,312	2,378	2,340	38	5,934	5,269	665	7,609	703	247	450	6
	All employees:												
	Number.....	1,057,986	585,399	582,845	2,554	472,587	408,505	64,082	991,350	66,636	30,994	35,359	283
	Payroll.....\$1,000..	5,412,405	3,112,635	3,102,198	10,437	2,299,770	2,035,569	264,201	5,137,767	274,638	121,637	151,523	1,478
	Production workers:												
	Number.....	812,587	440,671	438,642	2,029	371,916	317,327	54,589	755,969	56,618	26,677	29,720	221
	Man-hours.....1,000..	1,603,453	869,332	865,216	4,116	734,121	631,665	102,456	1,496,881	106,572	48,156	57,981	435
	Wages.....\$1,000..	3,724,130	2,140,912	2,133,099	7,813	1,583,218	1,365,212	218,006	3,498,311	225,819	101,891	122,893	1,035
	Value added, adjusted....do...	9,412,183	5,556,508	5,533,503	23,005	3,855,675	3,336,789	518,886	8,870,292	541,891	230,443	309,493	1,955
	Capital expend., new....do...	458,397	287,105	286,087	1,018	171,292	141,920	29,372	428,007	30,390	16,204	14,077	109
3411	Metal cans: Establishments:												
	Total.....number..	222	173	172	1	49	36	13	208	14	11	3	...
	With 20 or more emp....do...	189	164	163	1	25	24	1	187	2	...	2	...
	All employees:												
	Number.....	54,238	52,386	(D)	(D)	1,852	(D)	(D)	54,096	142	(D)	(D)	...
	Payroll.....\$1,000..	303,885	295,517	(D)	(D)	8,368	(D)	(D)	303,321	564	(D)	(D)	...
	Value added, adjusted....do...	668,606	654,246	(D)	(D)	14,360	(D)	(D)	667,507	1,099	(D)	(D)	...
	Value of shipments.....do...	1,824,106	1,792,034	(D)	(D)	32,072	(D)	(D)	1,821,643	2,463	(D)	(D)	...
3421	Cutlery: Establishments:												
	Total.....number..	183	29	28	1	154	98	56	126	57	37	20	...
	With 20 or more emp....do...	72	27	26	1	45	43	2	69	3	...	3	...
	All employees:												
	Number.....	11,831	7,488	(D)	(D)	4,343	(D)	(D)	11,467	364	136	228	...
	Payroll.....\$1,000..	52,745	35,047	(D)	(D)	17,698	(D)	(D)	51,435	1,310	478	832	...
	Value added, adjusted....do...	126,310	96,123	(D)	(D)	30,187	(D)	(D)	123,630	2,680	1,014	1,666	...
	Value of shipments.....do...	179,271	131,307	(D)	(D)	47,964	(D)	(D)	175,030	4,241	1,482	2,759	...
3423	Edge tools: Establishments:												
	Total.....number..	763	92	89	3	671	398	273	487	276	177	97	2
	With 20 or more emp....do...	250	76	76	...	174	151	23	227	23	6	17	...
	All employees:												
	Number.....	30,273	14,753	(D)	(D)	15,520	(D)	(D)	28,415	1,858	(D)	1,028	(D)
	Payroll.....\$1,000..	142,551	71,479	(D)	(D)	71,072	(D)	(D)	135,081	7,470	(D)	4,245	(D)
	Value added, adjusted....do...	267,316	134,658	(D)	(D)	132,658	(D)	(D)	250,073	17,243	(D)	10,743	(D)
	Value of shipments.....do...	440,150	221,954	(D)	(D)	218,196	(D)	(D)	414,216	25,934	(D)	15,304	(D)

See footnotes at end of table.

TYPE OF ORGANIZATION

3-37

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
34	Fabricated metal products—Continued												
3425	Hand saws and saw blades:												
	Establishments:												
	Total.....number..	89	19	19	...	70	45	25	64	25	18	7	...
	With 20 or more emp....do...	38	14	14	...	24	23	1	37	1	...	1	...
	All employees:												
	Number.....	5,509	3,497	3,497	...	2,012	1,856	156	5,353	156	64	92	...
	Payroll.....\$1,000..	28,311	18,760	18,760	...	9,551	8,901	650	27,661	650	268	382	...
	Value added, adjusted....do...	53,658	37,773	37,773	...	15,885	14,799	1,086	52,572	1,086	465	621	...
	Value of shipments.....do...	87,626	58,484	58,484	...	29,142	27,169	1,973	85,653	1,973	837	1,136	...
3429	Hardware, nec:												
	Establishments:												
	Total.....number..	1,059	154	146	8	905	595	310	741	318	217	100	1
	With 20 or more emp....do...	454	132	129	3	322	291	31	420	34	12	22	...
	All employees:												
	Number.....	88,105	56,370	56,058	312	31,735	28,759	2,976	84,817	3,288	(D)	2,060	(D)
	Payroll.....\$1,000..	433,304	287,789	286,658	1,131	145,515	133,916	11,599	420,574	12,730	(D)	8,627	(D)
	Value added, adjusted....do...	754,943	485,479	481,322	4,157	269,464	245,629	23,835	726,951	27,992	(D)	18,932	(D)
	Value of shipments.....do...	1,347,879	883,132	875,055	8,077	464,747	423,004	41,743	1,298,059	49,820	(D)	32,705	(D)
3431	Plumbing fixtures:												
	Establishments:												
	Total.....number..	63	21	21	...	42	33	9	54	9	6	3	...
	With 20 or more emp....do...	41	20	20	...	21	19	2	39	2	1	1	...
	All employees:												
	Number.....	12,432	10,614	10,614	...	1,818	1,752	66	12,366	66	(D)	(D)	...
	Payroll.....\$1,000..	67,848	58,110	58,110	...	9,738	9,446	292	67,556	292	(D)	(D)	...
	Value added, adjusted....do...	118,555	100,903	100,903	...	17,652	17,200	452	118,103	452	(D)	(D)	...
	Value of shipments.....do...	214,872	181,119	181,119	...	33,753	32,573	1,180	213,692	1,180	(D)	(D)	...
3432	Plumbing fittings, brass goods:												
	Establishments:												
	Total.....number..	254	27	26	1	227	165	62	191	63	35	28	...
	With 20 or more emp....do...	84	18	18	...	66	61	5	79	5	1	4	...
	All employees:												
	Number.....	14,663	6,664	(D)	(D)	7,999	(D)	(D)	13,937	726	203	523	...
	Payroll.....\$1,000..	66,937	30,475	(D)	(D)	36,462	(D)	(D)	63,851	3,086	883	2,203	...
	Value added, adjusted....do...	120,560	56,518	(D)	(D)	64,042	(D)	(D)	114,410	6,150	2,127	4,023	...
	Value of shipments.....do...	250,326	109,976	(D)	(D)	140,350	(D)	(D)	236,393	13,933	4,321	9,612	...
3433	Nonelectric heating equipment:												
	Establishments:												
	Total.....number..	672	129	128	1	543	389	154	517	155	111	43	1
	With 20 or more emp....do...	303	112	112	...	191	177	14	289	14	8	5	1
	All employees:												
	Number.....	44,680	28,925	(D)	(D)	15,755	(D)	(D)	43,544	1,136	729	(D)	(D)
	Payroll.....\$1,000..	222,681	148,092	(D)	(D)	74,589	(D)	(D)	217,940	4,741	3,108	(D)	(D)
	Value added, adjusted....do...	432,799	302,010	(D)	(D)	130,789	(D)	(D)	422,875	9,924	5,799	(D)	(D)
	Value of shipments.....do...	912,878	624,781	(D)	(D)	288,097	(D)	(D)	892,395	20,483	11,476	(D)	(D)
3441	Fabricated structural steel:												
	Establishments:												
	Total.....number..	1,861	191	187	4	1,670	1,081	589	1,268	593	420	171	2
	With 20 or more emp....do...	780	167	167	...	613	556	57	723	57	22	35	...
	All employees:												
	Number.....	91,252	44,506	(D)	(D)	46,746	(D)	(D)	86,252	5,000	(D)	2,410	(D)
	Payroll.....\$1,000..	502,697	249,967	(D)	(D)	252,730	(D)	(D)	479,825	22,872	(D)	11,798	(D)
	Value added, adjusted....do...	821,626	415,981	(D)	(D)	405,645	(D)	(D)	778,306	43,320	(D)	23,765	(D)
	Value of shipments.....do...	1,901,106	968,518	(D)	(D)	932,588	(D)	(D)	1,813,495	87,611	(D)	46,817	(D)
3442	Metal doors, sash, and trim:												
	Establishments:												
	Total.....number..	1,546	204	197	7	1,342	962	380	1,159	387	255	132	...
	With 20 or more emp....do...	560	161	158	3	399	373	26	531	29	11	18	...
	All employees:												
	Number.....	57,897	26,119	26,002	117	31,778	28,489	3,289	54,591	3,406	1,393	2,013	...
	Payroll.....\$1,000..	273,219	130,491	129,981	510	142,728	129,826	12,902	259,807	13,412	5,296	8,116	...
	Value added, adjusted....do...	469,050	216,333	215,653	680	252,717	227,701	25,016	443,354	25,696	9,599	16,097	...
	Value of shipments.....do...	1,037,371	471,246	469,636	1,610	566,125	510,614	55,511	980,250	57,121	24,961	32,160	...
3443	Boiler shop products:												
	Establishments:												
	Total.....number..	1,252	195	188	7	1,057	684	373	872	380	240	139	1
	With 20 or more emp....do...	557	168	165	3	389	347	42	512	45	17	27	1
	All employees:												
	Number.....	90,551	63,130	62,948	182	27,421	24,429	2,992	87,377	3,174	(D)	1,540	(D)
	Payroll.....\$1,000..	497,146	349,969	349,042	927	147,177	133,886	13,291	482,928	14,218	(D)	6,811	(D)
	Value added, adjusted....do...	754,972	540,871	538,779	2,092	214,101	186,746	27,355	725,525	29,447	(D)	15,421	(D)
	Value of shipments.....do...	1,670,007	1,199,527	1,194,328	5,199	470,480	415,750	54,730	1,610,078	59,929	(D)	32,343	(D)
3444	Sheet metal work:												
	Establishments:												
	Total.....number..	3,159	224	206	18	2,935	1,442	1,493	1,648	1,511	1,074	430	7
	With 20 or more emp....do...	699	136	132	4	563	496	67	628	71	26	44	1

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
34	Fabricated metal products—Continued												
	Sheet metal work—Continued												
	All employees:												
	Number.....	58,800	17,490	17,207	283	41,310	32,221	9,089	49,428	9,372	(D)	4,380	(D)
	Payroll.....\$1,000..	309,060	95,230	94,016	1,214	213,830	172,912	40,918	266,928	42,132	(D)	20,857	(D)
	Value added, adjusted....do...	516,136	171,910	169,643	2,267	344,226	271,051	73,175	440,694	75,442	(D)	39,653	(D)
	Value of shipments.....do...	1,077,811	416,714	412,476	4,238	661,097	520,616	140,481	933,092	144,719	(D)	75,710	(D)
3449	Miscellaneous metal work, nec:												
	Establishments:												
	Total.....number..	1,591	171	161	10	1,420	555	865	716	875	616	258	1
	With 20 or more emp....do...	397	139	135	4	258	224	34	359	38	7	30	1
	All employees:												
	Number.....	42,122	20,817	20,633	184	21,305	17,105	4,200	37,738	4,384	2,054	(D)	(D)
	Payroll.....\$1,000..	224,804	113,932	113,132	800	110,872	93,779	17,093	206,911	17,893	7,818	(D)	(D)
	Value added, adjusted....do...	401,076	218,293	217,204	1,089	182,783	148,136	34,647	365,340	35,736	15,545	(D)	(D)
	Value of shipments.....do...	917,151	528,002	525,191	2,811	389,149	327,736	61,413	852,927	64,224	28,708	(D)	(D)
3451	Screw machine products:												
	Establishments:												
	Total.....number..	1,792	51	47	4	1,741	965	776	1,012	780	484	295	1
	With 20 or more emp....do...	419	36	36	...	383	321	62	357	62	19	43	...
	All employees:												
	Number.....	31,836	5,424	(D)	(D)	26,412	(D)	(D)	25,931	5,905	(D)	3,326	(D)
	Payroll.....\$1,000..	154,925	27,476	(D)	(D)	127,449	(D)	(D)	130,088	24,837	(D)	14,572	(D)
	Value added, adjusted....do...	249,975	43,790	(D)	(D)	206,185	(D)	(D)	198,390	51,585	(D)	30,695	(D)
	Value of shipments.....do...	425,113	75,324	(D)	(D)	349,789	(D)	(D)	340,219	84,894	(D)	49,571	(D)
3452	Bolts, nuts, washers, & rivets:												
	Establishments:												
	Total.....number..	525	145	145	...	380	297	83	442	83	54	29	...
	With 20 or more emp....do...	283	125	125	...	158	151	7	276	7	1	6	...
	All employees:												
	Number.....	53,270	37,856	37,856	...	15,414	14,371	1,043	52,227	1,043	263	780	...
	Payroll.....\$1,000..	286,039	204,043	204,043	...	81,996	77,241	4,755	281,284	4,755	1,105	3,650	...
	Value added, adjusted....do...	504,731	355,804	355,804	...	148,927	139,214	9,713	495,018	9,713	2,908	6,805	...
	Value of shipments.....do...	880,328	608,927	608,927	...	271,401	252,620	18,781	861,547	18,781	5,543	13,238	...
3461	Metal stampings:												
	Establishments:												
	Total.....number..	2,456	297	289	8	2,159	1,524	635	1,813	643	405	235	3
	With 20 or more emp....do...	1,041	263	259	4	778	707	71	966	75	36	37	2
	All employees:												
	Number.....	125,567	65,448	65,218	230	60,119	54,286	5,833	119,504	6,063	(D)	2,912	(D)
	Payroll.....\$1,000..	645,683	350,689	349,672	1,017	294,994	270,293	24,701	619,965	25,718	(D)	13,413	(D)
	Value added, adjusted....do...	1,049,311	572,269	570,305	1,964	477,042	430,931	46,111	1,001,236	48,075	(D)	25,292	(D)
	Value of shipments.....do...	2,101,736	1,201,367	1,198,740	2,627	900,369	819,104	81,265	2,017,844	83,892	(D)	45,366	(D)
3471	Plating and polishing:												
	Establishments:												
	Total.....number..	2,646	102	95	7	2,544	1,263	1,281	1,358	1,288	806	479	3
	With 20 or more emp....do...	542	62	59	3	480	370	110	429	113	45	68	...
	All employees:												
	Number.....	36,471	4,041	3,888	153	32,430	23,591	8,839	27,479	8,992	4,489	4,479	24
	Payroll.....\$1,000..	156,274	19,142	18,553	589	137,132	104,268	32,864	122,821	33,453	16,490	16,860	103
	Value added, adjusted....do...	253,784	30,955	30,109	846	222,829	160,856	61,973	190,965	62,811	30,066	32,636	117
	Value of shipments.....do...	359,116	48,790	47,630	1,160	310,326	225,265	85,061	272,895	86,221	41,245	44,794	182
3479	Metal coating, engraving, etc.:												
	Establishments:												
	Total.....number..	1,003	50	49	1	953	502	451	551	452	317	134	1
	With 20 or more emp....do...	192	28	28	...	164	142	22	170	22	5	17	...
	All employees:												
	Number.....	15,680	2,862	(D)	(D)	12,818	(D)	(D)	13,397	2,283	1,159	(D)	(D)
	Payroll.....\$1,000..	68,046	13,213	(D)	(D)	54,833	(D)	(D)	59,816	8,230	4,088	(D)	(D)
	Value added, adjusted....do...	108,379	20,590	(D)	(D)	87,789	(D)	(D)	92,227	16,152	8,202	(D)	(D)
	Value of shipments.....do...	196,389	62,698	(D)	(D)	133,691	(D)	(D)	174,298	22,091	11,431	(D)	(D)
3481	Fabricated wire products, nec:												
	Establishments:												
	Total.....number..	1,463	223	215	8	1,240	714	526	929	534	354	179	1
	With 20 or more emp....do...	538	181	175	6	357	314	43	489	49	15	34	...
	All employees:												
	Number.....	55,476	26,706	26,304	402	28,770	24,855	3,915	51,159	4,317	(D)	2,487	(D)
	Payroll.....\$1,000..	261,027	133,761	132,450	1,311	127,266	113,023	14,243	245,473	15,554	(D)	9,331	(D)
	Value added, adjusted....do...	439,940	228,802	225,706	3,096	211,138	182,952	28,186	408,658	31,282	(D)	18,826	(D)
	Value of shipments.....do...	874,923	470,863	463,491	7,372	404,060	344,226	59,834	807,717	67,206	(D)	41,928	(D)
3491	Metal barrels, drums and pails:												
	Establishments:												
	Total.....number..	125	70	70	...	55	42	13	112	13	6	7	...
	With 20 or more emp....do...	74	47	47	...	27	25	2	72	2	1	1	...
	All employees:												
	Number.....	9,640	6,758	6,758	...	2,882	2,791	91	9,549	91	32	59	...
	Payroll.....\$1,000..	53,005	37,472	37,472	...	15,533	15,139	394	52,611	394	96	298	...
	Value added, adjusted....do...	94,548	65,210	65,210	...	29,338	28,282	1,056	93,492	1,056	307	749	...
	Value of shipments.....do...	250,256	174,941	174,941	...	75,315	73,045	2,270	247,986	2,270	538	1,732	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
34	Fabricated metal products—Continued												
3492	Safes and vaults:												
	Establishments:												
	Total.....number..	33	5	5	...	28	17	11	22	11	8	3	...
	With 20 or more emp....do...	12	5	5	...	7	6	1	11	1	1	...	...
	All employees:												
	Number.....	3,495	2,983	2,983	...	512	451	61	3,434	61	(D)	(D)	...
	Payroll.....\$1,000..	15,843	13,420	13,420	...	2,423	2,164	259	15,584	259	(D)	(D)	...
	Value added, adjusted....do...	39,537	35,031	35,031	...	4,506	3,843	663	38,874	663	(D)	(D)	...
	Value of shipments.....do...	58,790	50,120	50,120	...	8,670	7,666	1,004	57,786	1,004	(D)	(D)	...
3493	Steel springs:												
	Establishments:												
	Total.....number..	90	25	24	1	65	40	25	64	26	15	11	...
	With 20 or more emp....do...	43	25	24	1	18	16	2	40	3	1	2	...
	All employees:												
	Number.....	6,758	5,477	(D)	(D)	1,281	(D)	(D)	6,553	205	76	129	...
	Payroll.....\$1,000..	35,607	28,733	(D)	(D)	6,874	(D)	(D)	34,669	938	313	625	...
	Value added, adjusted....do...	54,135	42,483	(D)	(D)	11,652	(D)	(D)	52,149	1,986	715	1,271	...
	Value of shipments.....do...	120,525	99,365	(D)	(D)	21,160	(D)	(D)	116,953	3,572	1,088	2,484	...
3494	Valves and pipe fittings:												
	Establishments:												
	Total.....number..	588	156	151	5	432	339	93	490	98	58	38	2
	With 20 or more emp....do...	345	142	139	3	203	188	15	327	18	5	13	...
	All employees:												
	Number.....	74,994	54,720	54,382	338	20,274	18,738	1,536	73,120	1,874	(D)	1,427	(D)
	Payroll.....\$1,000..	400,331	291,447	290,096	1,351	108,884	101,165	7,719	391,261	9,070	(D)	7,110	(D)
	Value added, adjusted....do...	716,056	514,723	511,459	3,264	201,333	184,390	16,943	695,849	20,207	(D)	15,535	(D)
	Value of shipments.....do...	1,241,535	895,609	891,128	4,481	345,926	318,813	27,113	1,209,941	31,594	(D)	23,512	(D)
3496	Collapsible tubes:												
	Establishments:												
	Total.....number..	22	10	10	...	12	8	4	18	4	1	3	...
	With 20 or more emp....do...	20	10	10	...	10	8	2	18	2	...	2	...
	All employees:												
	Number.....	3,837	2,028	2,028	...	1,809	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	16,118	8,571	8,751	...	7,547	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	25,257	13,129	13,129	...	12,128	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	44,700	25,034	25,034	...	19,666	(D)	(D)	(D)	(D)	(D)	(D)	...
3497	Metal foil and leaf:												
	Establishments:												
	Total.....number..	65	18	18	...	47	31	16	49	16	10	6	...
	With 20 or more emp....do...	30	16	16	...	14	13	1	29	1	...	1	...
	All employees:												
	Number.....	3,195	2,066	2,066	...	1,129	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	17,105	11,368	11,368	...	5,737	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	35,170	21,134	21,134	...	14,036	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	88,871	58,853	58,853	...	30,018	(D)	(D)	(D)	(D)	(D)	(D)	...
3498	Fabricated pipe and fittings:												
	Establishments:												
	Total.....number..	286	58	58	...	228	163	65	221	65	44	21	...
	With 20 or more emp....do...	136	46	46	...	90	85	5	131	5	2	3	...
	All employees:												
	Number.....	15,214	7,950	7,950	...	7,264	6,788	476	14,738	476	232	244	...
	Payroll.....\$1,000..	84,015	45,796	45,796	...	38,219	36,278	1,941	82,074	1,941	962	979	...
	Value added, adjusted....do...	155,621	93,286	93,286	...	62,335	58,183	4,152	151,469	4,152	1,766	2,386	...
	Value of shipments.....do...	329,979	189,785	189,785	...	140,194	131,199	8,995	320,984	8,995	3,954	5,041	...
3499	Fabricated metal products, nec:												
	Establishments:												
	Total.....number..	974	82	72	10	892	527	365	599	375	264	108	3
	With 20 or more emp....do...	213	58	56	2	155	138	17	194	19	5	14	...
	All employees:												
	Number.....	20,200	8,321	8,159	162	11,879	10,136	1,743	18,295	1,905	914	977	14
	Payroll.....\$1,000..	93,199	42,646	41,931	715	50,553	44,304	6,249	86,235	6,964	3,315	3,599	50
	Value added, adjusted....do...	180,132	88,204	86,236	1,968	91,928	78,615	13,313	164,851	15,281	6,236	8,960	85
	Value of shipments.....do...	340,096	165,505	161,982	3,523	174,591	148,404	26,187	310,386	29,710	12,957	16,649	104
35	Machinery, except electrical:												
	Establishments:												
	Total.....number..	29,839	2,807	2,698	109	27,032	14,125	12,907	16,823	13,016	8,844	4,143	29
	With 20 or more emp....do...	7,360	2,238	2,222	16	5,122	4,533	589	6,755	605	231	366	8
	All employees:												
	Number.....	1,348,245	912,207	910,424	1,783	436,038	365,918	70,120	1,276,342	71,903	38,716	32,647	540
	Payroll.....\$1,000..	7,303,661	4,982,988	4,773,047	9,941	2,320,673	2,007,279	313,394	6,980,326	323,335	164,508	156,260	2,567
	Production workers:												
	Number.....	949,132	618,039	616,709	1,330	331,093	271,577	59,516	888,286	60,846	33,177	27,340	329
	Man-hours.....1,000..	1,852,822	1,200,660	1,197,488	3,172	652,162	540,671	111,491	1,738,159	114,663	60,954	53,053	656
	Wages.....\$1,000..	4,646,579	3,070,253	3,062,608	7,645	1,576,326	1,313,878	262,448	4,376,486	270,093	139,991	128,690	1,412
	Value added, adjusted....do...	12,391,190	8,583,641	8,566,219	117,422	3,807,549	3,197,066	610,483	11,763,285	627,905	313,198	310,911	3,796
	Capital expend., new....do...	676,419	460,801	459,803	998	215,618	148,547	67,071	608,350	68,069	42,006	25,691	372

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	None corporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
35	Machinery, except electrical—Continued												
3511	Steam engines and turbines: Establishments:												
	Total.....number..	28	19	19	...	9	8	1	27	1	1	...	...
	With 20 or more emp....do...	25	19	19	...	6	6	...	25	...	...	...	...
	All employees:												
	Number.....	45,347	44,794	44,794	...	553	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	274,589	271,726	271,726	...	2,863	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	568,643	564,114	564,114	...	4,529	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	961,769	954,014	954,014	...	7,755	(D)	(D)	(D)	(D)	(D)	...	...
3519	Internal combustion engines: Establishments:												
	Total.....number..	112	49	49	...	63	49	14	98	14	11	3	...
	With 20 or more emp....do...	75	47	47	...	28	28	...	75	...	...	...	...
	All employees:												
	Number.....	50,225	48,016	48,016	...	2,209	2,140	69	50,156	69	41	28	...
	Payroll.....\$1,000..	277,186	266,586	266,586	...	10,600	10,322	278	276,908	278	135	143	...
	Value added, adjusted....do...	499,328	482,072	482,072	...	17,256	16,691	565	498,763	565	328	237	...
	Value of shipments.....do...	1,055,699	1,021,240	1,021,240	...	34,459	33,329	1,130	1,054,569	1,130	688	442	...
3522	Farm machinery and equipment: Establishments:												
	Total.....number..	1,469	191	174	17	1,278	742	536	916	553	334	216	3
	With 20 or more emp....do...	509	156	153	3	353	303	50	456	53	14	38	1
	All employees:												
	Number.....	108,586	81,730	81,437	293	26,856	22,749	4,107	104,186	4,400	(D)	2,251	(D)
	Payroll.....\$1,000..	550,998	433,738	432,295	1,443	117,260	102,634	14,626	534,929	16,069	(D)	8,599	(D)
	Value added, adjusted....do...	1,087,836	869,863	866,496	3,367	217,973	186,681	31,292	1,053,177	34,659	(D)	19,889	(D)
	Value of shipments.....do...	2,421,873	1,925,166	1,918,583	6,583	496,707	428,699	68,008	2,347,282	74,591	(D)	42,069	(D)
3531	Construction machinery: Establishments:												
	Total.....number..	579	146	145	1	433	320	113	465	114	74	40	...
	With 20 or more emp....do...	295	136	136	...	159	147	12	283	12	4	8	...
	All employees:												
	Number.....	95,304	79,427	(D)	(D)	15,877	(D)	(D)	94,279	1,025	460	565	...
	Payroll.....\$1,000..	496,751	412,303	(D)	(D)	84,448	(D)	(D)	492,267	4,484	1,861	2,623	...
	Value added, adjusted....do...	1,022,801	872,598	(D)	(D)	150,203	(D)	(D)	1,014,399	8,402	3,639	4,763	...
	Value of shipments.....do...	2,107,352	1,805,898	(D)	(D)	301,454	(D)	(D)	2,088,524	18,828	7,557	11,271	...
3532	Mining machinery and equipment: Establishments:												
	Total.....number..	173	43	43	...	130	90	40	133	40	21	19	...
	With 20 or more emp....do...	90	38	38	...	52	49	3	87	3	...	3	...
	All employees:												
	Number.....	17,808	12,717	12,717	...	5,091	4,768	323	17,485	323	100	223	...
	Payroll.....\$1,000..	96,966	68,959	68,959	...	28,007	26,570	1,437	95,529	1,437	415	1,022	...
	Value added, adjusted....do...	165,831	118,862	118,862	...	46,969	43,177	3,792	162,039	3,792	1,109	2,683	...
	Value of shipments.....do...	342,035	238,393	238,393	...	103,642	97,047	6,595	335,440	6,595	2,203	4,392	...
3533	Oil field machines & equipment: Establishments:												
	Total.....number..	389	109	109	...	280	190	90	299	90	54	36	...
	With 20 or more emp....do...	168	85	85	...	83	78	5	163	5	2	3	...
	All employees:												
	Number.....	31,878	24,245	24,245	...	7,633	7,027	606	31,272	606	288	318	...
	Payroll.....\$1,000..	174,692	134,147	134,147	...	40,545	37,567	2,978	171,714	2,978	1,348	1,630	...
	Value added, adjusted....do...	336,788	265,143	265,143	...	71,645	65,245	6,400	330,388	6,400	2,611	3,789	...
	Value of shipments.....do...	585,268	451,887	451,887	...	133,381	121,221	12,160	573,108	12,160	4,972	7,188	...
3534	Elevators and moving stairways: Establishments:												
	Total.....number..	144	27	27	...	117	86	31	113	31	19	12	...
	With 20 or more emp....do...	76	24	24	...	52	47	5	71	5	3	2	...
	All employees:												
	Number.....	9,626	6,291	6,291	...	3,335	2,852	483	9,143	483	225	258	...
	Payroll.....\$1,000..	55,657	36,878	36,878	...	18,779	16,529	2,250	53,407	2,250	1,033	1,217	...
	Value added, adjusted....do...	126,270	98,561	98,561	...	27,709	23,760	3,949	122,321	3,949	1,682	2,267	...
	Value of shipments.....do...	192,806	142,258	142,258	...	50,548	43,670	6,878	185,928	6,878	3,118	3,760	...
3535	Conveyors: Establishments:												
	Total.....number..	420	65	65	...	355	234	121	299	121	87	34	...
	With 20 or more emp....do...	150	53	53	...	97	88	9	141	9	4	5	...
	All employees:												
	Number.....	20,789	13,965	13,965	...	6,824	6,092	732	20,057	732	420	312	...
	Payroll.....\$1,000..	119,431	80,706	80,706	...	38,725	35,293	3,432	115,999	3,432	1,841	1,591	...
	Value added, adjusted....do...	192,892	133,244	133,244	...	59,648	53,396	6,252	186,640	6,252	3,567	2,685	...
	Value of shipments.....do...	385,714	264,029	264,029	...	121,685	108,432	13,253	372,461	13,253	6,930	6,323	...
3536	Hoists, cranes, and monorails: Establishments:												
	Total.....number..	81	27	27	...	54	45	9	72	9	4	5	...
	With 20 or more emp....do...	54	25	25	...	29	26	3	51	3	...	3	...
	All employees:												
	Number.....	9,520	6,415	6,415	...	3,105	2,961	144	9,376	144	37	107	...
	Payroll.....\$1,000..	53,566	35,396	35,396	...	18,170	17,391	779	52,787	779	170	609	...

See footnotes at end of table.

TYPE OF ORGANIZATION

3-41

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
35	Machinery, except electrical—Continued												
	Hoists, cranes, and monorails—Continued												
	Value added, adjusted, \$1,000..	92,759	62,005	62,005	...	30,754	29,058	1,696	91,063	1,696	338	1,358	...
	Value of shipments.....do...	184,722	125,964	125,964	...	58,758	55,456	3,302	181,420	3,302	623	2,679	...
3537	Industrial trucks and tractors: Establishments:												
	Total.....number..	262	38	36	2	224	139	85	175	87	51	36	...
	With 20 or more emp....do...	96	29	28	1	67	60	7	88	8	3	5	...
	All employees:												
	Number.....	14,786	9,656	(D)	(D)	5,130	(D)	(D)	14,068	718	337	381	...
	Payroll.....\$1,000..	76,200	51,423	(D)	(D)	24,777	(D)	(D)	73,655	2,545	1,092	1,453	...
	Value added, adjusted.....do...	117,500	78,218	(D)	(D)	39,282	(D)	(D)	113,102	4,398	2,052	2,346	...
	Value of shipments.....do...	269,328	180,821	(D)	(D)	88,507	(D)	(D)	259,925	9,403	4,304	5,099	...
3541	Metal-cutting machine tools: Establishments:												
	Total.....number..	627	89	88	1	538	329	209	417	210	135	74	1
	With 20 or more emp....do...	231	76	76	...	155	142	13	218	13	4	9	...
	All employees:												
	Number.....	52,864	31,516	(D)	(D)	21,348	(D)	(D)	51,532	1,332	652	(D)	(D)
	Payroll.....\$1,000..	300,344	177,112	(D)	(D)	123,232	(D)	(D)	294,743	5,601	2,475	(D)	(D)
	Value added, adjusted.....do...	420,961	242,873	(D)	(D)	178,088	(D)	(D)	410,566	10,395	5,165	(D)	(D)
	Value of shipments.....do...	679,836	399,734	(D)	(D)	280,102	(D)	(D)	663,128	16,708	7,602	(D)	(D)
3542	Metal-forming machine tools: Establishments:												
	Total.....number..	291	46	45	1	245	184	61	229	62	41	21	...
	With 20 or more emp....do...	147	42	41	1	105	99	6	140	7	3	4	...
	All employees:												
	Number.....	22,502	12,293	(D)	(D)	10,209	(D)	(D)	21,932	570	236	334	...
	Payroll.....\$1,000..	132,368	73,387	(D)	(D)	58,981	(D)	(D)	129,528	2,840	1,110	1,730	...
	Value added, adjusted.....do...	176,021	87,754	(D)	(D)	88,267	(D)	(D)	171,045	4,976	1,868	3,108	...
	Value of shipments.....do...	317,657	162,786	(D)	(D)	154,871	(D)	(D)	310,299	7,358	2,920	4,438	...
3544	Special dies and tools: Establishments:												
	Total.....number..	5,745	183	169	14	5,562	2,869	2,693	3,038	2,707	1,726	978	3
	With 20 or more emp....do...	994	108	105	3	886	755	131	860	134	48	86	...
	All employees:												
	Number.....	83,308	17,548	17,008	540	65,760	50,370	15,390	67,378	15,930	(D)	7,931	(D)
	Payroll.....\$1,000..	536,588	123,235	119,121	4,114	413,353	332,974	80,379	452,095	84,493	(D)	44,843	(D)
	Value added, adjusted.....do...	780,090	171,500	165,785	5,715	608,590	460,231	148,359	626,016	154,074	(D)	82,264	(D)
	Value of shipments.....do...	1,060,566	244,820	238,085	6,735	815,746	616,815	198,931	854,900	205,666	(D)	109,155	(D)
3545	Machine tool accessories: Establishments:												
	Total.....number..	905	124	122	2	781	487	294	609	296	183	113	...
	With 20 or more emp....do...	297	97	97	...	200	176	24	273	24	4	20	...
	All employees:												
	Number.....	41,521	25,507	(D)	(D)	16,014	(D)	(D)	39,428	2,093	763	1,330	...
	Payroll.....\$1,000..	226,949	138,388	(D)	(D)	88,561	(D)	(D)	216,402	10,547	3,294	7,253	...
	Value added, adjusted.....do...	348,580	211,663	(D)	(D)	136,917	(D)	(D)	328,688	19,892	6,622	13,270	...
	Value of shipments.....do...	511,456	310,375	(D)	(D)	201,081	(D)	(D)	482,440	29,016	9,594	19,422	...
3548	Metalworking machinery, nec: Establishments:												
	Total.....number..	362	68	64	4	294	199	95	263	99	70	29	...
	With 20 or more emp....do...	143	57	57	...	86	79	7	136	7	2	5	...
	All employees:												
	Number.....	33,328	24,488	24,429	59	8,840	8,201	639	32,630	698	375	323	...
	Payroll.....\$1,000..	183,307	132,888	132,590	298	50,419	47,521	2,898	180,111	3,196	1,448	1,748	...
	Value added, adjusted.....do...	332,397	241,893	240,922	971	90,504	84,635	5,869	325,557	6,840	3,201	3,639	...
	Value of shipments.....do...	602,015	455,736	454,430	1,306	146,279	137,380	8,899	591,810	10,205	5,117	5,044	...
3551	Food products machinery: Establishments:												
	Total.....number..	672	84	81	3	588	390	198	471	201	130	71	...
	With 20 or more emp....do...	240	63	63	...	177	163	14	226	14	4	10	...
	All employees:												
	Number.....	27,715	15,372	(D)	(D)	12,343	(D)	(D)	26,408	1,307	645	662	...
	Payroll.....\$1,000..	152,515	85,816	(D)	(D)	66,699	(D)	(D)	146,826	5,689	2,657	3,032	...
	Value added, adjusted.....do...	268,639	150,274	(D)	(D)	118,365	(D)	(D)	255,745	12,894	5,580	7,314	...
	Value of shipments.....do...	456,171	249,297	(D)	(D)	206,874	(D)	(D)	433,316	22,855	10,477	12,378	...
3552	Textile machinery: Establishments:												
	Total.....number..	553	100	98	2	453	304	149	402	151	104	45	2
	With 20 or more emp....do...	212	87	85	2	125	111	14	196	16	9	5	2
	All employees:												
	Number.....	34,313	24,035	(D)	(D)	10,278	(D)	(D)	33,229	1,084	617	(D)	(D)
	Payroll.....\$1,000..	154,548	108,731	(D)	(D)	45,817	(D)	(D)	150,652	3,896	2,055	(D)	(D)
	Value added, adjusted.....do...	214,199	143,054	(D)	(D)	71,145	(D)	(D)	207,661	6,538	3,520	(D)	(D)
	Value of shipments.....do...	376,340	256,590	(D)	(D)	119,750	(D)	(D)	364,596	11,744	6,792	(D)	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
35	Machinery, except electrical—Continued												
3553	Woodworking machinery:												
	Establishments:												
	Total.....number..	257	37	36	1	220	150	70	185	72	43	28	...
	With 20 or more emp....do...	96	31	30	1	65	59	6	89	7	2	5	...
	All employees:												
	Number.....	12,219	7,026	(D)	(D)	5,193	(D)	(D)	11,598	621	204	401	...
	Payroll.....\$1,000..	63,414	36,742	(D)	(D)	26,672	(D)	(D)	61,094	2,320	781	1,469	...
	Value added, adjusted....do...	112,936	68,431	(D)	(D)	44,505	(D)	(D)	107,967	4,969	1,590	3,292	...
	Value of shipments.....do...	214,376	135,102	(D)	(D)	79,274	(D)	(D)	205,750	8,626	2,794	5,591	...
3554	Paper industries machinery:												
	Establishments:												
	Total.....number..	202	35	35	...	167	121	46	156	46	32	14	...
	With 20 or more emp....do...	97	32	32	...	65	64	1	96	1	...	1	...
	All employees:												
	Number.....	15,713	8,416	8,416	...	7,297	7,064	233	15,480	233	133	100	...
	Payroll.....\$1,000..	89,881	49,145	49,145	...	40,736	39,644	1,092	88,787	1,092	635	457	...
	Value added, adjusted....do...	123,758	61,816	61,816	...	61,942	59,733	2,209	121,549	2,209	1,215	994	...
	Value of shipments.....do...	310,179	192,211	192,211	...	117,968	113,814	4,154	306,025	4,154	1,989	2,165	...
3555	Printing trades machinery:												
	Establishments:												
	Total.....number..	442	67	65	2	375	242	133	307	135	98	37	...
	With 20 or more emp....do...	119	46	46	...	73	64	9	110	9	7	2	...
	All employees:												
	Number.....	21,453	14,520	(D)	(D)	6,933	(D)	(D)	20,725	728	502	226	...
	Payroll.....\$1,000..	119,575	83,091	(D)	(D)	36,484	(D)	(D)	116,575	3,000	2,024	976	...
	Value added, adjusted....do...	188,881	130,966	(D)	(D)	57,915	(D)	(D)	182,642	6,239	3,977	2,262	...
	Value of shipments.....do...	309,797	218,100	(D)	(D)	91,697	(D)	(D)	299,086	10,711	6,497	4,214	...
3559	Special industry machinery, nec:												
	Establishments:												
	Total.....number..	1,048	146	140	6	902	623	279	763	285	184	100	1
	With 20 or more emp....do...	388	118	117	1	270	245	25	362	26	10	15	1
	All employees:												
	Number.....	50,849	30,117	(D)	(D)	20,732	(D)	(D)	48,674	2,175	(D)	1,176	(D)
	Payroll.....\$1,000..	273,665	163,757	(D)	(D)	109,908	(D)	(D)	263,569	10,096	(D)	5,602	(D)
	Value added, adjusted....do...	431,117	250,200	(D)	(D)	180,917	(D)	(D)	411,628	19,489	(D)	10,849	(D)
	Value of shipments.....do...	761,077	443,773	(D)	(D)	317,304	(D)	(D)	727,486	33,591	(D)	18,921	(D)
3561	Pumps and compressors:												
	Establishments:												
	Total.....number..	582	165	165	...	417	275	142	440	142	96	46	...
	With 20 or more emp....do...	243	134	134	...	109	104	5	238	5	3	2	...
	All employees:												
	Number.....	60,042	49,530	49,530	...	10,512	9,759	753	59,289	753	426	327	...
	Payroll.....\$1,000..	321,509	267,242	267,242	...	54,267	51,418	2,849	318,660	2,849	1,488	1,361	...
	Value added, adjusted....do...	542,037	439,290	439,290	...	102,747	95,168	7,579	534,458	7,579	3,708	3,871	...
	Value of shipments.....do...	1,114,053	920,287	920,287	...	193,766	179,149	14,617	1,099,436	14,617	7,619	6,998	...
3562	Ball and roller bearings:												
	Establishments:												
	Total.....number..	107	48	47	1	59	48	11	95	12	6	6	...
	With 20 or more emp....do...	81	47	46	1	34	31	3	77	4	1	3	...
	All employees:												
	Number.....	46,439	42,870	(D)	(D)	3,569	(D)	(D)	46,095	344	(D)	(D)	...
	Payroll.....\$1,000..	241,160	223,510	(D)	(D)	17,650	(D)	(D)	239,871	1,289	(D)	(D)	...
	Value added, adjusted....do...	407,744	375,717	(D)	(D)	32,027	(D)	(D)	404,997	2,747	(D)	(D)	...
	Value of shipments.....do...	649,640	600,036	(D)	(D)	49,604	(D)	(D)	645,566	4,074	(D)	(D)	...
3564	Blowers and fans:												
	Establishments:												
	Total.....number..	207	44	43	1	163	119	44	162	45	30	14	1
	With 20 or more emp....do...	104	40	39	1	64	60	4	99	5	3	2	...
	All employees:												
	Number.....	15,947	11,070	(D)	(D)	4,877	(D)	(D)	15,558	389	237	(D)	(D)
	Payroll.....\$1,000..	82,457	57,382	(D)	(D)	25,075	(D)	(D)	80,727	1,730	890	(D)	(D)
	Value added, adjusted....do...	145,050	101,790	(D)	(D)	43,260	(D)	(D)	141,249	3,801	2,196	(D)	(D)
	Value of shipments.....do...	271,629	190,043	(D)	(D)	81,586	(D)	(D)	264,637	6,992	3,888	(D)	(D)
3565	Industrial patterns:												
	Establishments:												
	Total.....number..	1,174	22	21	1	1,152	367	785	388	786	555	231	...
	With 20 or more emp....do...	96	6	6	...	90	74	16	80	16	4	12	...
	All employees:												
	Number.....	8,870	358	(D)	(D)	8,512	(D)	(D)	5,620	3,250	1,878	1,372	...
	Payroll.....\$1,000..	54,746	2,107	(D)	(D)	52,639	(D)	(D)	37,187	17,559	9,701	7,858	...
	Value added, adjusted....do...	78,108	2,711	(D)	(D)	75,397	(D)	(D)	46,796	31,312	16,809	14,503	...
	Value of shipments.....do...	98,345	3,382	(D)	(D)	94,961	(D)	(D)	58,664	39,679	21,347	18,332	...
3566	Power transmission equipment:												
	Establishments:												
	Total.....number..	470	93	92	1	377	265	112	357	113	72	41	...
	With 20 or more emp....do...	236	81	81	...	155	139	16	220	16	7	9	...

See footnotes at end of table.

TYPE OF ORGANIZATION

3-43

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
35	Machinery, except electrical—Continued												
	Power transmission equipment—Continued												
	All employees:												
	Number.....	41,782	28,895	(D)	(D)	12,887	(D)	(D)	40,811	971	488	483	...
	Payroll.....\$1,000..	226,101	156,876	(D)	(D)	69,225	(D)	(D)	221,522	4,579	2,140	2,439	...
	Value added, adjusted....do...	384,372	265,015	(D)	(D)	119,357	(D)	(D)	375,507	8,865	4,097	4,768	...
	Value of shipments.....do...	630,303	439,737	(D)	(D)	190,566	(D)	(D)	616,089	14,214	6,815	7,399	...
3567	Industrial furnaces and ovens:												
	Establishments:												
	Total.....number..	201	39	39	...	162	129	33	168	33	24	9	...
	With 20 or more emp....do...	89	30	30	...	59	58	1	88	1	1	...	...
	All employees:												
	Number.....	10,288	6,196	6,196	...	4,092	3,937	155	10,133	155	106	49	...
	Payroll.....\$1,000..	57,394	34,611	34,611	...	22,783	22,105	678	56,716	678	491	187	...
	Value added, adjusted....do...	96,450	57,482	57,482	...	38,968	37,577	1,391	95,059	1,391	907	484	...
	Value of shipments.....do...	204,835	126,894	126,894	...	77,941	75,151	2,790	202,045	2,790	1,897	893	...
3569	General industry machinery, nec:												
	Establishments:												
	Total.....number..	584	83	79	4	501	361	140	440	144	100	44	...
	With 20 or more emp....do...	209	69	68	1	140	131	9	199	10	5	5	...
	All employees:												
	Number.....	28,014	16,983	(D)	(D)	11,031	(D)	(D)	26,915	1,099	706	393	...
	Payroll.....\$1,000..	159,915	99,472	(D)	(D)	60,443	(D)	(D)	155,028	4,887	3,058	1,829	...
	Value added, adjusted....do...	281,423	175,663	(D)	(D)	105,760	(D)	(D)	271,552	9,871	5,699	4,172	...
	Value of shipments.....do...	458,280	277,239	(D)	(D)	181,041	(D)	(D)	442,007	16,273	9,577	6,696	...
3571	Computing and related machines:												
	Establishments:												
	Total.....number..	136	53	53	...	83	58	25	111	25	16	9	...
	With 20 or more emp....do...	71	52	52	...	19	19	...	71	...	...	...	...
	All employees:												
	Number.....	80,864	78,689	78,689	...	2,175	2,082	93	80,771	93	59	34	...
	Payroll.....\$1,000..	473,455	461,864	461,864	...	11,591	11,232	359	473,096	359	176	183	...
	Value added, adjusted....do...	579,103	560,369	560,369	...	18,734	17,887	847	578,256	847	428	419	...
	Value of shipments.....do...	1,104,194	1,077,722	1,077,722	...	26,472	25,360	1,112	1,103,082	1,112	567	545	...
3572	Typewriters:												
	Establishments:												
	Total.....number..	18	10	10	...	8	7	1	17	1	1	...	...
	With 20 or more emp....do...	13	10	10	...	3	3	...	13	...	...	...	...
	All employees:												
	Number.....	19,799	19,651	19,651	...	148	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	84,467	83,877	83,877	...	590	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	168,877	168,206	168,206	...	671	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	238,173	236,547	236,547	...	1,626	(D)	(D)	(D)	(D)	(D)	...	...
3576	Scales and balances:												
	Establishments:												
	Total.....number..	72	14	13	1	58	41	17	54	18	11	7	...
	With 20 or more emp....do...	32	11	11	...	21	20	1	31	1	...	1	...
	All employees:												
	Number.....	5,347	3,141	(D)	(D)	2,206	(D)	(D)	5,224	123	46	77	...
	Payroll.....\$1,000..	26,574	15,603	(D)	(D)	10,971	(D)	(D)	26,146	428	172	256	...
	Value added, adjusted....do...	49,125	29,003	(D)	(D)	20,122	(D)	(D)	48,113	1,012	374	638	...
	Value of shipments.....do...	78,335	45,321	(D)	(D)	33,014	(D)	(D)	76,864	1,471	523	948	...
3579	Office machines, nec:												
	Establishments:												
	Total.....number..	120	30	30	...	90	72	18	102	18	12	6	...
	With 20 or more emp....do...	72	27	27	...	45	42	3	69	3	...	3	...
	All employees:												
	Number.....	15,625	12,185	12,185	...	3,440	3,222	218	15,407	218	42	176	...
	Payroll.....\$1,000..	82,984	67,591	67,591	...	15,393	14,572	821	82,163	821	152	669	...
	Value added, adjusted....do...	173,424	146,215	146,215	...	27,209	25,610	1,599	171,825	1,599	326	1,273	...
	Value of shipments.....do...	264,513	217,894	217,894	...	46,619	43,795	2,824	261,689	2,824	615	2,209	...
3581	Automatic vending machines:												
	Establishments:												
	Total.....number..	121	22	22	...	99	79	20	101	20	12	6	2
	With 20 or more emp....do...	53	20	20	...	33	30	3	50	3	2	1	...
	All employees:												
	Number.....	7,894	4,510	4,510	...	3,384	3,075	309	7,585	309	245	(D)	(D)
	Payroll.....\$1,000..	37,049	22,327	22,327	...	14,722	13,424	1,298	35,751	1,298	1,088	(D)	(D)
	Value added, adjusted....do...	64,694	39,895	39,895	...	24,799	21,819	2,980	61,714	2,980	2,191	(D)	(D)
	Value of shipments.....do...	141,635	90,080	90,080	...	51,555	46,273	5,282	136,353	5,282	3,960	(D)	(D)
3582	Commercial laundry equipment:												
	Establishments:												
	Total.....number..	119	16	16	...	103	76	27	92	27	16	11	...
	With 20 or more emp....do...	47	15	15	...	32	29	3	44	3	...	3	...
	All employees:												
	Number.....	6,560	4,186	4,186	...	2,374	2,162	212	6,348	212	98	114	...
	Payroll.....\$1,000..	33,047	20,979	20,979	...	12,068	11,172	896	32,151	896	395	501	...
	Value added, adjusted....do...	65,580	41,736	41,736	...	23,844	21,929	1,915	63,665	1,915	644	1,271	...
	Value of shipments.....do...	119,499	73,199	73,199	...	46,300	42,872	3,428	116,071	3,428	1,182	2,246	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
35	Machinery, except electrical—Continued												
3584	Vacuum cleaners, industrial:												
	Establishments:												
	Total.....number..	18	4	4	...	14	11	3	15	3	2	1	...
	With 20 or more emp....do...	6	3	3	...	3	3	...	6	...	...	...	...
	All employees:												
	Number.....	432	189	189	...	243	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	2,321	807	807	...	1,514	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	4,256	2,003	2,003	...	2,253	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	10,342	4,561	4,561	...	5,781	(D)	(D)	(D)	(D)	(D)	(D)	...
3585	Refrigeration machinery:												
	Establishments:												
	Total.....number..	625	119	118	1	506	380	126	498	127	76	50	1
	With 20 or more emp....do...	278	107	107	...	171	157	14	264	14	5	8	1
	All employees:												
	Number.....	67,715	50,063	(D)	(D)	17,652	(D)	(D)	66,446	1,269	(D)	773	(D)
	Payroll.....\$1,000..	342,169	262,708	(D)	(D)	79,461	(D)	(D)	337,183	4,986	(D)	2,886	(D)
	Value added, adjusted....do...	598,032	460,872	(D)	(D)	137,160	(D)	(D)	589,217	8,815	(D)	4,693	(D)
	Value of shipments.....do...	(³)	(³)	(D)	(D)	(³)	(D)	(D)	(³)	(³)	(D)	(³)	(D)
3586	Measuring and dispensing pumps:												
	Establishments:												
	Total.....number..	32	13	13	...	19	13	6	26	6	5	1	...
	With 20 or more emp....do...	20	13	13	...	7	6	1	19	1	1	...	...
	All employees:												
	Number.....	6,201	5,582	5,582	...	619	548	71	6,130	71	(D)	(D)	...
	Payroll.....\$1,000..	32,852	30,136	30,136	...	2,716	2,452	264	32,588	264	(D)	(D)	...
	Value added, adjusted....do...	64,689	60,223	60,223	...	4,466	3,972	494	64,195	494	(D)	(D)	...
	Value of shipments.....do...	119,045	110,291	110,291	...	8,754	7,895	859	118,186	859	(D)	(D)	...
3589	Service industry machinery, nec.:												
	Establishments:												
	Total.....number..	341	47	45	2	294	215	79	260	81	54	27	...
	With 20 or more emp....do...	119	37	37	...	82	73	9	110	9	7	...	...
	All employees:												
	Number.....	11,257	5,788	(D)	(D)	5,469	(D)	(D)	10,680	577	221	356	...
	Payroll.....\$1,000..	61,398	31,376	(D)	(D)	30,022	(D)	(D)	58,458	2,940	1,004	1,936	...
	Value added, adjusted....do...	120,900	60,290	(D)	(D)	60,610	(D)	(D)	114,579	6,321	2,182	4,139	...
	Value of shipments.....do...	234,885	120,840	(D)	(D)	114,045	(D)	(D)	223,317	11,568	4,313	7,255	...
3599	Machine shops:												
	Establishments:												
	Total.....number..	10,151	292	251	41	9,859	3,808	6,051	4,059	6,092	4,354	1,723	15
	With 20 or more emp....do...	1,089	167	166	1	922	765	157	931	158	74	81	3
	All employees:												
	Number.....	115,535	34,247	33,984	263	81,288	54,778	26,510	88,762	26,773	16,513	10,103	157
	Payroll.....\$1,000..	574,873	180,366	179,118	1,248	394,507	285,076	109,431	464,194	110,679	66,036	44,010	633
	Value added, adjusted....do...	959,099	292,057	289,898	2,159	667,042	449,638	217,404	739,536	219,563	126,375	92,310	878
	Value of shipments.....do...	1,479,680	490,671	487,464	3,207	989,009	668,689	320,320	1,156,153	323,527	188,565	133,642	1,320
36	Electrical machinery:												
	Establishments:												
	Total.....number..	8,091	1,884	1,848	36	6,207	4,587	1,620	6,435	1,656	1,124	524	8
	With 20 or more emp....do...	3,799	1,676	1,666	10	2,123	1,946	177	3,612	187	71	113	3
	All employees:												
	Number.....	1,122,284	913,335	912,750	585	208,949	194,072	14,877	1,106,822	15,462	7,342	8,011	119
	Payroll.....\$1,000..	5,605,985	4,671,291	4,668,843	2,448	934,694	881,534	53,271	5,550,266	55,719	25,180	30,136	403
	Production workers:												
	Number.....	808,621	646,136	645,630	506	162,485	150,034	12,451	795,664	12,957	6,256	6,608	93
	Man-hours.....1,000..	1,589,497	1,270,534	1,269,533	1,001	318,963	296,104	22,859	1,565,637	23,860	11,226	12,446	178
	Wages.....\$1,000..	3,509,746	2,900,205	2,898,193	2,012	609,541	567,867	41,674	3,466,060	43,686	20,390	23,015	281
	Value added, adjusted....do...	10,395,369	8,754,425	8,750,118	4,307	1,640,944	1,526,482	114,462	10,276,600	118,769	52,863	65,262	644
	Capital expend., new....do...	449,925	381,279	381,058	221	68,646	61,916	6,730	442,974	6,951	4,872	2,029	50
3611	Electric measuring instruments:												
	Establishments:												
	Total.....number..	492	75	75	...	417	332	85	407	85	59	25	1
	With 20 or more emp....do...	200	66	66	...	134	126	8	192	8	3	5	...
	All employees:												
	Number.....	46,923	32,665	32,665	...	14,258	13,442	816	46,107	816	(D)	397	(D)
	Payroll.....\$1,000..	254,833	179,980	179,980	...	74,853	71,763	3,090	251,743	3,090	(D)	1,824	(D)
	Value added, adjusted....do...	419,396	202,496	202,496	...	126,900	120,448	6,452	412,944	6,452	(D)	3,442	(D)
	Value of shipments.....do...	673,522	470,716	470,716	...	202,806	191,640	11,166	662,356	11,166	(D)	6,463	(D)
3612	Transformers:												
	Establishments:												
	Total.....number..	175	41	41	...	134	103	31	144	31	19	12	...
	With 20 or more emp....do...	82	40	40	...	42	38	4	78	4	2	2	...
	All employees:												
	Number.....	34,601	30,623	30,623	...	3,978	3,729	249	34,352	249	125	124	...
	Payroll.....\$1,000..	186,361	170,272	170,272	...	16,089	15,319	770	185,591	770	334	436	...
	Value added, adjusted....do...	364,212	336,975	336,975	...	27,237	25,439	1,798	362,414	1,798	728	1,070	...
	Value of shipments.....do...	642,267	588,459	588,459	...	53,808	50,537	3,271	638,996	3,271	1,290	1,981	...
3613	Switchgear and switchboards:												
	Establishments:												
	Total.....number..	402	116	116	...	286	237	49	353	49	33	16	...
	With 20 or more emp....do...	203	103	103	...	100	94	6	197	6	2	4	...
	All employees:												
	Number.....	52,871	42,284	42,284	...	10,587	10,206	381	52,490	381	211	170	...
	Payroll.....\$1,000..	283,152	230,380	230,380	...	52,772	51,170	1,602	281,550	1,602	799	803	...
	Value added, adjusted....do...	581,601	492,132	492,132	...	89,469	85,881	3,549	551,495	3,549	1,788	1,761	...
	Value of shipments.....do...	962,558	801,769	801,760	...	160,789	154,350	6,439	956,119	6,439	3,266	3,173	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
36	Electrical machinery—Continued												
3621	Motors and generators: Establishments:												
	Total.....number..	378	147	147	...	231	175	56	322	56	43	13	...
	With 20 or more emp....do...	237	137	137	...	100	96	4	233	4	2	2	...
	All employees:												
	Number.....	93,541	82,877	82,877	...	10,664	10,161	503	93,038	503	(D)	(D)	...
	Payroll.....\$1,000..	488,854	438,387	438,387	...	50,467	48,631	1,836	487,018	1,836	(D)	(D)	...
	Value added, adjusted....do...	813,124	727,926	727,926	...	85,198	81,217	3,981	809,143	3,981	(D)	(D)	...
	Value of shipments.....do...	1,392,573	1,226,670	1,226,670	...	165,903	153,072	12,831	1,379,742	12,831	(D)	(D)	...
3622	Industrial controls: Establishments:												
	Total.....number..	216	45	45	...	171	129	42	174	42	33	9	...
	With 20 or more emp....do...	75	38	38	...	37	35	2	73	2	2	...	...
	All employees:												
	Number.....	27,150	22,851	22,851	...	4,299	4,021	278	26,872	278	209	69	...
	Payroll.....\$1,000..	145,270	122,283	122,283	...	22,987	21,830	1,157	144,113	1,157	888	269	...
	Value added, adjusted....do...	281,890	246,155	246,155	...	35,735	33,660	2,075	279,815	2,075	1,585	490	...
	Value of shipments.....do...	413,163	350,629	350,629	...	62,534	58,093	4,441	408,722	4,441	3,473	968	...
3623	Welding apparatus: Establishments:												
	Total.....number..	135	42	38	4	93	72	21	110	25	13	12	...
	With 20 or more emp....do...	78	37	35	2	33	31	2	66	4	1	3	...
	All employees:												
	Number.....	9,895	7,097	(D)	(D)	2,798	(D)	(D)	9,614	281	87	194	...
	Payroll.....\$1,000..	60,761	44,457	(D)	(D)	16,304	(D)	(D)	59,305	1,456	358	1,098	...
	Value added, adjusted....do...	112,709	84,621	(D)	(D)	28,088	(D)	(D)	109,651	3,058	771	2,287	...
	Value of shipments.....do...	247,739	195,079	(D)	(D)	52,660	(D)	(D)	242,346	5,393	1,473	3,920	...
3624	Carbon and graphite products: Establishments:												
	Total.....number..	46	22	22	...	24	20	4	42	4	4	...	...
	With 20 or more emp....do...	35	21	21	...	14	13	1	34	1	1	...	...
	All employees:												
	Number.....	8,904	7,536	7,536	...	1,368	1,287	81	8,823	81	81	...	...
	Payroll.....\$1,000..	45,628	39,580	39,580	...	6,048	5,785	263	45,365	263	263	...	...
	Value added, adjusted....do...	102,483	93,089	93,089	...	9,394	8,853	541	101,942	541	541	...	...
	Value of shipments.....do...	154,925	141,364	141,364	...	13,561	12,836	725	154,200	725	725	...	...
3629	Electric industrial goods, nec: Establishments:												
	Total.....number..	286	47	45	2	239	176	63	221	65	47	16	2
	With 20 or more emp....do...	111	37	35	2	74	68	6	103	8	1	6	1
	All employees:												
	Number.....	16,842	11,348	(D)	(D)	5,494	(D)	(D)	16,265	577	(D)	316	(D)
	Payroll.....\$1,000..	78,595	56,026	(D)	(D)	22,569	(D)	(D)	76,477	2,118	(D)	1,262	(D)
	Value added, adjusted....do...	137,547	101,988	(D)	(D)	35,559	(D)	(D)	133,661	3,886	(D)	2,182	(D)
	Value of shipments.....do...	228,929	166,473	(D)	(D)	62,456	(D)	(D)	222,404	6,525	(D)	3,249	(D)
3631	Household cooking equipment: Establishments:												
	Total.....number..	69	24	24	...	45	42	3	66	3	1	2	...
	With 20 or more emp....do...	55	22	22	...	33	32	1	54	1	...	1	...
	All employees:												
	Number.....	18,152	11,726	11,726	...	6,426	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	89,239	61,180	61,180	...	28,059	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	181,091	130,086	130,086	...	51,005	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	364,852	253,975	253,975	...	110,877	(D)	(D)	(D)	(D)	(D)	(D)	...
3632	Household refrigerators: Establishments:												
	Total.....number..	26	17	17	...	9	9	...	26	...	...	...	...
	With 20 or more emp....do...	26	17	17	...	9	9	...	26	...	...	...	...
	All employees:												
	Number.....	41,493	38,889	38,889	...	2,604	2,604	...	41,493	...	...	...	...
	Payroll.....\$1,000..	221,439	208,228	208,228	...	13,211	13,211	...	221,439	...	...	...	...
	Value added, adjusted....do...	433,369	410,089	410,089	...	23,280	23,280	...	433,369	...	...	...	...
	Value of shipments.....do...	1,002,302	941,430	941,430	...	60,872	60,872	...	1,002,302	...	...	...	...
3633	Household laundry equipment: Establishments:												
	Total.....number..	39	22	22	...	17	16	1	38	1	1	...	...
	With 20 or more emp....do...	33	21	21	...	12	12	...	33	...	...	...	...
	All employees:												
	Number.....	24,597	23,120	23,120	...	1,477	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	134,263	127,280	127,280	...	6,983	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	324,480	312,470	312,470	...	12,010	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	738,920	718,106	718,106	...	20,814	(D)	(D)	(D)	(D)	(D)	...	...
3634	Electric housewares and fans: Establishments:												
	Total.....number..	311	67	64	3	244	173	71	237	74	54	20	...
	With 20 or more emp....do...	105	56	56	...	49	43	6	99	6	2	4	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
36	Electrical machinery—Continued												
	Electric housewares and fans—Continued												
	All employees:												
	Number.....	29,150	24,613	24,589	24	4,537	4,058	479	28,647	503	309	194	...
	Payroll.....\$1,000..	128,850	111,187	111,131	56	17,663	15,718	1,945	126,849	2,001	1,113	888	...
	Value added, adjusted....do...	301,033	267,326	267,265	61	33,707	29,068	4,639	296,333	4,700	2,707	1,993	...
	Value of shipments.....do...	559,090	485,301	485,193	108	73,789	64,047	9,742	549,240	9,850	5,450	4,400	...
3635	Household vacuum cleaners:												
	Establishments:												
	Total.....number..	27	9	9	...	18	16	2	25	2	1	1	...
	With 20 or more emp....do...	14	7	7	...	7	7	...	14	...	...	...	...
	All employees:												
	Number.....	5,330	4,658	4,658	...	672	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	29,863	26,373	26,373	...	3,490	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	84,180	73,933	73,933	...	10,247	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	142,020	119,895	119,895	...	22,125	(D)	(D)	(D)	(D)	(D)	(D)	...
3636	Sewing machines:												
	Establishments:												
	Total.....number..	85	8	8	...	77	50	27	58	27	18	9	...
	With 20 or more emp....do...	17	7	7	...	10	10	...	17	...	...	...	...
	All employees:												
	Number.....	9,607	(D)	(D)	...	(D)	(D)	88	9,519	88	44	44	...
	Payroll.....\$1,000..	48,314	(D)	(D)	...	(D)	(D)	383	47,931	383	167	216	...
	Value added, adjusted....do...	61,991	(D)	(D)	...	(D)	(D)	683	61,308	683	374	309	...
	Value of shipments.....do...	109,314	(D)	(D)	...	(D)	(D)	1,047	108,267	1,047	538	509	...
3639	Household appliances, nec:												
	Establishments:												
	Total.....number..	94	35	35	...	59	52	7	87	7	4	3	...
	With 20 or more emp....do...	71	32	32	...	39	34	5	66	5	2	3	...
	All employees:												
	Number.....	14,622	10,643	10,643	...	3,979	3,704	275	14,347	275	78	197	...
	Payroll.....\$1,000..	79,658	60,266	60,266	...	19,392	18,173	1,219	78,439	1,219	307	912	...
	Value added, adjusted....do...	162,664	122,163	122,163	...	40,501	37,526	2,975	159,689	2,975	1,101	1,874	...
	Value of shipments.....do...	378,758	276,668	276,668	...	102,090	94,206	7,884	370,874	7,884	2,438	5,446	...
3641	Electric lamps:												
	Establishments:												
	Total.....number..	66	41	41	...	25	18	7	59	7	7	...	...
	With 20 or more emp....do...	52	40	40	...	12	12	...	52	...	...	...	...
	All employees:												
	Number.....	21,495	20,268	20,268	...	1,227	1,199	28	21,467	28	28	...	...
	Payroll.....\$1,000..	95,298	90,957	90,957	...	4,341	4,248	93	95,205	93	93	...	...
	Value added, adjusted....do...	270,498	263,245	263,245	...	7,253	7,055	198	270,300	198	198	...	...
	Value of shipments.....do...	417,516	405,150	405,150	...	12,366	12,089	277	417,239	277	277	...	...
3642	Lighting fixtures:												
	Establishments:												
	Total.....number..	1,181	107	99	8	1,074	702	372	801	380	224	154	2
	With 20 or more emp....do...	431	83	81	2	348	294	54	375	56	16	39	1
	All employees:												
	Number.....	47,309	22,223	22,080	143	25,086	21,301	3,785	43,381	3,928	(D)	2,383	(D)
	Payroll.....\$1,000..	215,829	107,853	107,149	704	107,976	94,646	13,330	201,795	14,034	(D)	8,676	(D)
	Value added, adjusted....do...	397,378	194,273	193,241	1,032	203,105	171,843	31,262	365,084	32,294	(D)	20,719	(D)
	Value of shipments.....do...	826,595	392,979	389,565	3,414	433,616	364,466	69,150	754,031	72,564	(D)	46,445	(D)
3643	Current carrying devices:												
	Establishments:												
	Total.....number..	422	69	68	1	353	255	98	323	99	66	32	1
	With 20 or more emp....do...	160	64	63	1	96	84	12	147	13	6	7	...
	All employees:												
	Number.....	34,808	25,148	(D)	(D)	9,660	(D)	(D)	33,754	1,054	(D)	584	(D)
	Payroll.....\$1,000..	151,687	112,293	(D)	(D)	39,394	(D)	(D)	147,729	3,958	(D)	2,542	(D)
	Value added, adjusted....do...	294,189	219,457	(D)	(D)	74,732	(D)	(D)	284,565	9,624	(D)	6,388	(D)
	Value of shipments.....do...	486,186	351,213	(D)	(D)	134,973	(D)	(D)	467,451	18,735	(D)	12,905	(D)
3644	Noncurrent carrying devices:												
	Establishments:												
	Total.....number..	150	44	44	...	106	82	24	126	24	19	5	...
	With 20 or more emp....do...	93	43	43	...	50	48	2	91	2	...	2	...
	All employees:												
	Number.....	19,722	14,283	14,283	...	5,439	5,208	231	19,491	231	(D)	(D)	...
	Payroll.....\$1,000..	101,382	74,180	74,180	...	27,202	26,272	930	100,452	930	(D)	(D)	...
	Value added, adjusted....do...	214,607	160,552	160,552	...	54,055	51,684	2,371	212,236	2,371	(D)	(D)	...
	Value of shipments.....do...	413,758	311,484	311,484	...	102,274	98,134	4,140	409,618	4,140	(D)	(D)	...
3651	Radio and TV receiving sets:												
	Establishments:												
	Total.....number..	234	72	72	...	162	133	29	205	29	19	10	...
	With 20 or more emp....do...	144	67	67	...	77	76	1	143	1	1	...	...
	All employees:												
	Number.....	66,505	56,569	56,569	...	9,936	9,762	174	66,331	174	111	63	...
	Payroll.....\$1,000..	292,664	252,650	252,650	...	40,014	39,382	632	292,032	632	450	182	...
	Value added, adjusted....do...	593,953	521,614	521,614	...	72,339	70,893	1,446	592,507	1,446	893	553	...
	Value of shipments.....do...	1,548,006	1,386,060	1,386,060	...	161,946	159,369	2,577	1,545,429	2,577	1,689	888	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
36	Electrical machinery—Continued												
3652	Phonograph records: Establishments:												
	Total.....number..	94	22	21	1	72	54	18	75	19	15	4	...
	With 20 or more emp....do...	53	20	20	...	33	30	3	50	3	1	2	...
	All employees:												
	Number.....	7,421	5,590	(D)	(D)	1,831	(D)	(D)	7,289	132	82	50	...
	Payroll.....\$1,000..	33,381	25,714	(D)	(D)	7,667	(D)	(D)	32,938	443	324	119	...
	Value added, adjusted....do...	93,073	79,516	(D)	(D)	13,557	(D)	(D)	91,862	1,211	883	328	...
	Value of shipments.....do...	148,731	122,796	(D)	(D)	25,935	(D)	(D)	146,320	2,411	1,838	573	...
3661	Telephone; telegraph apparatus: Establishments:												
	Total.....number..	95	41	41	...	54	38	16	79	16	11	5	...
	With 20 or more emp....do...	55	40	40	...	15	14	1	54	1	1	...	...
	All employees:												
	Number.....	85,544	83,665	83,665	...	1,879	1,757	122	85,422	122	114	8	...
	Payroll.....\$1,000..	460,499	451,021	451,021	...	9,478	9,015	463	460,036	463	431	32	...
	Value added, adjusted....do...	740,855	723,465	723,465	...	17,390	16,463	927	739,928	927	807	120	...
	Value of shipments.....do...	(3)	(3)	(3)	...	(3)	(3)	(3)	(3)	(3)	(3)	(3)	...
3662	Radio, TV communication equip.: Establishments:												
	Total.....number..	512	164	161	3	348	266	82	427	85	65	20	...
	With 20 or more emp....do...	260	143	142	1	117	110	7	252	8	3	5	...
	All employees:												
	Number.....	129,515	115,227	(D)	(D)	14,288	(D)	(D)	128,872	643	314	329	...
	Payroll.....\$1,000..	743,399	670,994	(D)	(D)	72,405	(D)	(D)	741,067	2,332	1,190	1,142	...
	Value added, adjusted....do...	1,297,583	1,184,113	(D)	(D)	113,470	(D)	(D)	1,293,867	3,716	2,564	1,152	...
	Value of shipments.....do...	2,414,620	2,212,564	(D)	(D)	202,056	(D)	(D)	2,404,820	9,800	4,125	5,675	...
3671	Electron tubes, receiving type: Establishments:												
	Total.....number..	85	26	26	...	59	46	13	72	13	12	1	...
	With 20 or more emp....do...	41	24	24	...	17	15	2	39	2	2	...	...
	All employees:												
	Number.....	36,968	35,625	35,625	...	1,343	920	423	36,545	423	(D)	(D)	...
	Payroll.....\$1,000..	149,540	144,895	144,895	...	4,645	3,445	1,200	148,340	1,200	(D)	(D)	...
	Value added, adjusted....do...	285,799	277,399	277,399	...	8,400	6,961	1,439	284,360	1,439	(D)	(D)	...
	Value of shipments.....do...	382,526	370,779	370,779	...	11,747	10,209	1,538	380,988	1,538	(D)	(D)	...
3672	Cathode ray picture tubes: Establishments:												
	Total.....number..	75	13	13	...	62	58	4	71	4	4	...	...
	With 20 or more emp....do...	30	9	9	...	21	21	...	30	...	...	...	...
	All employees:												
	Number.....	8,554	6,521	6,521	...	2,033	2,018	15	8,539	15	15	...	...
	Payroll.....\$1,000..	38,092	29,282	29,282	...	8,810	8,749	61	38,031	61	61	...	...
	Value added, adjusted....do...	67,472	52,328	52,328	...	15,144	15,011	133	67,339	133	133	...	...
	Value of shipments.....do...	159,252	126,534	126,534	...	32,718	32,502	216	159,036	216	216	...	...
3673	Electron tubes, transmitting: Establishments:												
	Total.....number..	48	30	30	...	18	17	1	47	1	1	...	...
	With 20 or more emp....do...	44	30	30	...	14	13	1	43	1	1	...	...
	All employees:												
	Number.....	20,146	17,857	17,857	...	2,289	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	102,150	90,918	90,918	...	11,232	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	165,803	146,468	146,468	...	19,335	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	258,474	229,002	229,002	...	29,472	(D)	(D)	(D)	(D)	(D)	...	...
3679	Electronic components, nec: Establishments:												
	Total.....number..	1,479	315	310	5	1,164	913	251	1,223	256	172	83	1
	With 20 or more emp....do...	737	276	274	2	461	431	30	705	32	15	16	1
	All employees:												
	Number.....	132,242	87,360	87,270	90	44,882	42,315	2,567	129,585	2,657	1,217	(D)	(D)
	Payroll.....\$1,000..	564,021	380,920	380,694	226	183,101	174,559	8,542	555,253	8,768	4,147	(D)	(D)
	Value added, adjusted....do...	914,811	602,211	601,497	714	312,600	295,762	16,838	897,259	17,552	8,313	(D)	(D)
	Value of shipments.....do...	1,445,684	925,945	924,914	1,031	519,739	489,799	29,940	1,414,713	30,971	14,955	(D)	(D)
3691	Storage batteries: Establishments:												
	Total.....number..	276	91	89	2	185	87	98	176	100	72	28	...
	With 20 or more emp....do...	106	83	83	...	23	22	1	105	1	...	1	...
	All employees:												
	Number.....	14,924	12,980	(D)	(D)	1,944	(D)	(D)	14,545	379	221	158	...
	Payroll.....\$1,000..	76,961	67,710	(D)	(D)	9,251	(D)	(D)	75,598	1,363	820	543	...
	Value added, adjusted....do...	150,061	131,919	(D)	(D)	18,142	(D)	(D)	146,539	3,522	1,943	1,579	...
	Value of shipments.....do...	368,993	328,459	(D)	(D)	40,534	(D)	(D)	360,844	8,149	4,566	3,583	...
3692	Primary batteries, dry and wet: Establishments:												
	Total.....number..	42	29	28	1	13	9	4	37	5	5	...	...
	With 20 or more emp....do...	29	27	27	...	2	2	...	29	...	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
36	Electrical machinery—Continued												
	Primary batteries, dry and wet—Continued												
	All employees:												
	Number.....	8,096	7,944	(D)	(D)	152	(D)	(D)	8,065	31	31	...	...
	Payroll.....\$1,000..	34,025	33,441	(D)	(D)	584	(D)	(D)	33,877	148	148	...	...
	Value added, adjusted....do...	75,431	74,554	(D)	(D)	877	(D)	(D)	75,174	257	257	...	...
	Value of shipments.....do...	138,215	136,183	(D)	(D)	2,032	(D)	(D)	137,634	581	581	...	...
3693	X-ray and therapeutic apparatus:												
	Establishments:												
	Total.....number..	126	18	18	...	108	75	33	93	33	22	10	1
	With 20 or more emp....do...	33	15	15	...	18	16	2	31	2	1	1	...
	All employees:												
	Number.....	5,258	(D)	(D)	...	(D)	(D)	162	5,096	162	76	(D)	(D)
	Payroll.....\$1,000..	30,686	(D)	(D)	...	(D)	(D)	632	30,054	632	315	(D)	(D)
	Value added, adjusted....do...	58,436	(D)	(D)	...	(D)	(D)	1,324	57,112	1,324	518	(D)	(D)
	Value of shipments.....do...	95,090	(D)	(D)	...	(D)	(D)	2,287	92,803	2,287	1,079	(D)	(D)
3694	Engine electrical equipment:												
	Establishments:												
	Total.....number..	166	43	42	1	123	91	32	133	33	25	8	...
	With 20 or more emp....do...	98	39	39	...	59	55	4	94	4	2	2	...
	All employees:												
	Number.....	39,840	32,644	(D)	(D)	7,196	(D)	(D)	39,353	487	262	225	...
	Payroll.....\$1,000..	201,949	171,055	(D)	(D)	30,894	(D)	(D)	200,149	1,800	834	966	...
	Value added, adjusted....do...	366,626	310,818	(D)	(D)	55,808	(D)	(D)	363,689	2,937	1,305	1,632	...
	Value of shipments.....do...	631,868	521,075	(D)	(D)	110,793	(D)	(D)	626,308	5,560	2,445	3,115	...
3699	Electrical products, nec:												
	Establishments:												
	Total.....number..	259	42	37	5	217	141	76	178	81	55	26	...
	With 20 or more emp....do...	99	32	32	...	67	55	12	87	12	4	8	...
	All employees:												
	Number.....	10,259	5,773	(D)	(D)	4,486	(D)	(D)	9,412	847	355	492	...
	Payroll.....\$1,000..	39,342	23,191	(D)	(D)	16,151	(D)	(D)	36,699	2,643	1,291	1,352	...
	Value added, adjusted....do...	73,581	45,476	(D)	(D)	28,105	(D)	(D)	68,086	5,495	2,651	2,844	...
	Value of shipments.....do...	165,388	91,429	(D)	(D)	73,959	(D)	(D)	151,006	14,382	5,823	8,559	...
37	Transportation equipment:												
	Establishments:												
	Total.....number..	6,607	1,207	1,165	42	5,400	3,026	2,374	4,191	2,416	1,679	736	1
	With 20 or more emp....do...	2,662	1,074	1,058	16	1,588	1,412	176	2,470	192	85	107	...
	All employees:												
	Number.....	1,557,759	1,359,801	1,358,754	1,047	197,958	181,463	16,495	1,540,217	17,542	9,567	(D)	(D)
	Payroll.....\$1,000..	9,164,581	8,129,639	8,125,214	4,425	1,034,942	968,424	66,518	9,093,638	70,943	37,708	(D)	(D)
	Production workers:												
	Number.....	1,134,640	980,790	979,885	905	153,850	139,666	14,184	1,119,551	15,089	8,293	(D)	(D)
	Man-hours.....1,000..	2,266,224	1,958,383	1,956,607	1,776	307,841	281,534	26,307	2,238,141	28,083	14,950	(D)	(D)
	Wages.....\$1,000..	6,019,960	5,314,013	5,310,517	3,496	705,947	650,737	55,210	5,961,254	58,706	31,467	(D)	(D)
	Value added, adjusted....do...	15,283,694	13,694,268	13,686,505	7,763	1,589,426	1,466,245	123,181	15,152,750	130,944	67,474	(D)	(D)
	Capital expend., new....do...	608,273	542,770	542,080	690	65,503	54,505	10,998	596,585	11,688	5,677	(D)	(D)
3713	Truck and bus bodies:												
	Establishments:												
	Total.....number..	562	63	57	6	499	255	244	312	250	172	78	...
	With 20 or more emp....do...	187	48	48	...	139	117	22	165	22	9	13	...
	All employees:												
	Number.....	20,009	8,919	8,877	42	11,090	8,688	2,402	17,565	2,444	1,112	1,332	...
	Payroll.....\$1,000..	91,374	41,638	41,508	130	49,736	41,553	8,183	83,061	8,313	3,862	4,451	...
	Value added, adjusted....do...	145,608	65,710	65,442	268	79,898	66,329	13,569	131,771	13,837	6,596	7,241	...
	Value of shipments.....do...	307,769	139,479	138,861	618	168,290	135,850	32,440	274,711	33,058	14,626	18,432	...
3715	Truck trailers:												
	Establishments:												
	Total.....number..	170	44	43	1	126	83	43	126	44	29	15	...
	With 20 or more emp....do...	93	41	40	1	52	48	4	88	5	2	3	...
	All employees:												
	Number.....	15,669	10,533	(D)	(D)	5,136	(D)	(D)	15,117	552	401	151	...
	Payroll.....\$1,000..	78,142	53,108	(D)	(D)	25,034	(D)	(D)	75,688	2,454	1,766	688	...
	Value added, adjusted....do...	131,140	91,382	(D)	(D)	39,758	(D)	(D)	126,506	4,634	3,298	1,336	...
	Value of shipments.....do...	334,724	232,337	(D)	(D)	102,387	(D)	(D)	324,942	9,782	7,004	2,778	...
3717	Motor vehicles and parts:												
	Establishments:												
	Total.....number..	1,551	475	463	12	1,076	675	401	1,138	413	259	151	...
	With 20 or more emp....do...	744	433	426	7	311	278	33	704	40	14	25	...
	All employees:												
	Number.....	541,510	509,987	509,610	377	31,523	28,445	3,078	538,055	3,455	1,592	1,715	...
	Payroll.....\$1,000..	3,148,590	2,995,358	2,993,358	1,771	153,232	140,465	12,767	3,134,052	14,538	6,469	7,286	...
	Value added, adjusted....do...	6,473,927	6,194,753	6,191,989	2,764	279,174	250,765	28,409	6,442,754	31,173	13,195	16,423	...
	Value of shipments.....do...	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	...

See footnotes at end of table.

TYPE OF ORGANIZATION

3-49

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	Type of operation ¹						Legal form of organization ¹					
		All establishments	Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
37	Transportation equipment—Continued												
3721	Aircraft:												
	Establishments:												
	Total.....number..	127	45	44	1	82	61	21	105	22	11	11	...
	With 20 or more emp....do...	82	42	42	...	40	34	6	76	6	2	4	...
	All employees:												
	Number.....number..	377,383	336,852	(D)	(D)	40,531	(D)	(D)	377,127	256	104	152	...
	Payroll.....\$1,000...	2,340,306	2,088,348	(D)	(D)	251,958	(D)	(D)	2,339,015	1,291	578	713	...
	Value added, adjusted....do...	3,399,163	3,081,538	(D)	(D)	317,625	(D)	(D)	3,396,977	2,186	832	1,354	...
	Value of shipments.....do...	6,438,067	5,767,186	(D)	(D)	670,881	(D)	(D)	6,434,757	3,310	1,207	2,103	...
3722	Aircraft engines and parts:												
	Establishments:												
	Total.....number..	223	93	93	...	130	106	24	199	24	15	9	...
	With 20 or more emp....do...	175	88	88	...	87	78	9	166	9	4	5	...
	All employees:												
	Number.....number..	159,094	150,542	150,542	...	8,552	8,034	518	158,576	518	242	276	...
	Payroll.....\$1,000...	999,237	947,624	947,624	...	51,613	48,995	2,618	996,619	2,618	1,164	1,454	...
	Value added, adjusted....do...	1,615,671	1,537,293	1,537,293	...	78,378	73,944	4,434	1,611,237	4,434	1,808	2,626	...
	Value of shipments.....do...	3,512,073	3,386,109	3,386,109	...	125,964	119,488	6,476	3,505,597	6,476	2,819	3,657	...
3723	Aircraft propellers and parts:												
	Establishments:												
	Total.....number..	18	6	6	...	12	7	5	13	5	2	3	...
	With 20 or more emp....do...	10	6	6	...	4	4	...	10	...	...	...	...
	All employees:												
	Number.....number..	15,505	15,122	15,122	...	383	345	38	15,467	38	(D)	(D)	...
	Payroll.....\$1,000...	85,635	83,534	83,534	...	2,101	1,954	147	85,488	147	(D)	(D)	...
	Value added, adjusted....do...	112,301	108,744	108,744	...	3,557	3,131	426	111,875	426	(D)	(D)	...
	Value of shipments.....do...	235,270	229,761	229,761	...	5,509	4,957	552	234,718	552	(D)	(D)	...
3729	Aircraft equipment, nec:												
	Establishments:												
	Total.....number..	1,201	215	210	5	986	622	364	832	369	236	132	1
	With 20 or more emp....do...	508	188	186	2	320	287	33	473	35	11	24	...
	All employees:												
	Number.....number..	213,500	175,497	(D)	(D)	38,003	(D)	(D)	210,277	3,223	(D)	1,815	(D)
	Payroll.....\$1,000...	1,294,872	1,075,121	(D)	(D)	219,751	(D)	(D)	1,278,598	16,274	(D)	9,803	(D)
	Value added, adjusted....do...	1,797,203	1,451,475	(D)	(D)	345,728	(D)	(D)	1,767,603	29,600	(D)	18,098	(D)
	Value of shipments.....do...	3,031,089	2,469,873	(D)	(D)	561,216	(D)	(D)	2,986,479	44,610	(D)	26,737	(D)
3731	Ship building and repairing:												
	Establishments:												
	Total.....number..	319	76	75	1	243	210	33	285	34	20	14	...
	With 20 or more emp....do...	222	71	70	1	151	141	10	211	11	6	5	...
	All employees:												
	Number.....number..	119,147	95,980	(D)	(D)	23,167	(D)	(D)	118,329	818	571	247	...
	Payroll.....\$1,000...	669,826	550,168	(D)	(D)	119,658	(D)	(D)	665,652	4,174	3,266	908	...
	Value added, adjusted....do...	913,687	734,107	(D)	(D)	179,580	(D)	(D)	906,485	7,202	5,637	1,565	...
	Value of shipments.....do...	1,625,624	1,335,302	(D)	(D)	290,322	(D)	(D)	1,614,888	10,736	8,311	2,425	...
3732	Boat building and repairing:												
	Establishments:												
	Total.....number..	1,651	74	62	12	1,577	591	986	653	998	754	244	...
	With 20 or more emp....do...	277	54	52	2	223	187	36	239	38	22	16	...
	All employees:												
	Number.....number..	25,295	6,502	6,397	105	18,793	14,520	4,273	20,917	4,378	2,921	1,457	...
	Payroll.....\$1,000...	103,603	27,616	27,195	421	75,987	61,203	14,784	88,398	15,205	9,995	5,210	...
	Value added, adjusted....do...	157,309	39,622	38,781	841	117,687	91,869	25,818	130,650	26,659	17,223	9,436	...
	Value of shipments.....do...	329,009	87,960	86,224	1,736	241,049	190,199	50,850	276,423	52,586	33,652	18,934	...
3741	Locomotives and parts:												
	Establishments:												
	Total.....number..	25	11	11	...	14	7	7	18	7	6	1	...
	With 20 or more emp....do...	13	10	10	...	3	3	...	13	...	...	...	...
	All employees:												
	Number.....number..	15,282	15,112	15,112	...	170	134	36	15,246	36	(D)	(D)	...
	Payroll.....\$1,000...	90,097	89,266	89,266	...	831	709	122	89,975	122	(D)	(D)	...
	Value added, adjusted....do...	152,086	150,474	150,474	...	1,612	1,079	533	151,553	533	(D)	(D)	...
	Value of shipments.....do...	407,540	404,074	404,074	...	3,466	2,222	1,244	406,296	1,244	(D)	(D)	...
3742	Railroad and street cars:												
	Establishments:												
	Total.....number..	67	36	36	...	31	24	7	60	7	5	2	...
	With 20 or more emp....do...	44	34	34	...	10	10	...	44	...	...	...	...
	All employees:												
	Number.....number..	24,309	23,174	23,174	...	1,135	1,096	39	24,270	39	(D)	(D)	...
	Payroll.....\$1,000...	132,302	126,845	126,845	...	5,457	5,316	141	132,161	141	(D)	(D)	...
	Value added, adjusted....do...	167,576	157,247	157,247	...	10,329	9,871	458	167,118	458	(D)	(D)	...
	Value of shipments.....do...	562,190	533,731	533,731	...	28,459	27,756	703	561,487	703	(D)	(D)	...
3751	Motorcycles, bicycles, & parts:												
	Establishments:												
	Total.....number..	51	14	13	1	37	27	10	40	11	10	1	...
	With 20 or more emp....do...	29	12	12	...	17	17	...	29	...	...	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
37	Transportation equipment—Continued												
	Motorcycles, bicycles, & parts—Continued												
	All employees:												
	Number.....	7,578	5,224	(D)	(D)	2,354	(D)	(D)	7,532	46	(D)	(D)	...
	Payroll.....\$1,000..	33,020	22,846	(D)	(D)	10,174	(D)	(D)	32,879	141	(D)	(D)	...
	Value added, adjusted.....do...	52,125	35,903	(D)	(D)	16,222	(D)	(D)	51,865	260	(D)	(D)	...
	Value of shipments.....do...	121,527	82,498	(D)	(D)	39,029	(D)	(D)	120,802	725	(D)	(D)	...
3791	Trailer coaches:												
	Establishments:												
	Total.....number..	386	42	38	4	344	234	110	272	114	78	36	...
	With 20 or more emp.....do...	209	39	36	3	170	159	11	195	14	9	5	...
	All employees:												
	Number.....	18,717	5,736	(D)	(D)	12,981	(D)	(D)	17,656	1,061	650	411	...
	Payroll.....\$1,000..	77,129	25,796	(D)	(D)	51,333	(D)	(D)	73,387	3,742	2,402	1,340	...
	Value added, adjusted.....do...	127,683	40,837	(D)	(D)	86,846	(D)	(D)	121,729	5,954	3,686	2,268	...
	Value of shipments.....do...	461,053	155,736	(D)	(D)	305,317	(D)	(D)	440,088	20,965	13,182	7,783	...
3799	Transportation equipment, nec:												
	Establishments:												
	Total.....number..	256	13	13	...	243	122	121	135	121	82	39	...
	With 20 or more emp.....do...	69	8	8	...	61	48	13	56	13	6	7	...
	All employees:												
	Number.....	4,761	621	621	...	4,140	3,314	826	3,935	826	484	342	...
	Payroll.....\$1,000..	20,448	2,371	2,371	...	18,077	15,511	2,566	17,882	2,566	1,444	1,122	...
	Value added, adjusted.....do...	38,215	5,183	5,183	...	33,032	27,889	5,143	33,072	5,143	2,727	2,416	...
	Value of shipments.....do...	92,811	12,688	12,688	...	80,123	66,434	13,689	79,122	13,689	6,799	6,890	...
38	Instruments & related products:												
	Establishments:												
	Total.....number..	3,526	587	569	18	2,939	1,865	1,074	2,434	1,092	771	306	15
	With 20 or more emp.....do...	1,193	470	460	10	723	652	71	1,112	81	30	42	9
	All employees:												
	Number.....	296,558	235,067	(D)	(D)	61,491	(D)	(D)	284,618	11,940	3,744	(D)	(D)
	Payroll.....\$1,000..	1,578,481	1,293,849	(D)	(D)	284,632	(D)	(D)	1,532,218	46,263	13,799	(D)	(D)
	Production workers:												
	Number.....	202,373	155,707	(D)	(D)	46,666	(D)	(D)	192,315	10,058	3,095	(D)	(D)
	Man-hours.....1,000..	398,744	307,944	(D)	(D)	90,800	(D)	(D)	379,665	19,079	5,468	(D)	(D)
	Wages.....\$1,000..	921,498	737,865	(D)	(D)	183,633	(D)	(D)	885,206	36,292	11,030	(D)	(D)
	Value added, adjusted.....do...	2,906,390	2,406,195	(D)	(D)	500,195	(D)	(D)	2,798,818	107,572	32,859	(D)	(D)
	Capital expend., new.....do...	123,621	105,020	(D)	(D)	18,601	(D)	(D)	118,952	4,669	1,960	(D)	(D)
3811	Scientific instruments:												
	Establishments:												
	Total.....number..	567	93	93	...	474	308	166	401	166	114	50	2
	With 20 or more emp.....do...	206	78	78	...	128	116	12	194	12	3	9	...
	All employees:												
	Number.....	67,456	57,074	57,074	...	10,382	9,282	1,100	66,356	1,100	547	(D)	(D)
	Payroll.....\$1,000..	399,165	345,586	345,586	...	53,579	49,008	4,571	394,594	4,571	2,068	(D)	(D)
	Value added, adjusted.....do...	606,530	520,561	520,561	...	85,969	76,061	9,908	596,622	9,908	4,350	(D)	(D)
	Value of shipments.....do...	1,000,235	864,417	864,417	...	135,818	120,781	15,037	985,198	15,037	7,025	(D)	(D)
3821	Mechanical measuring devices:												
	Establishments:												
	Total.....number..	627	126	125	1	501	341	160	466	161	115	46	...
	With 20 or more emp.....do...	229	101	101	...	128	117	11	218	11	8	3	...
	All employees:												
	Number.....	50,049	38,291	(D)	(D)	11,758	(D)	(D)	48,887	1,162	732	430	...
	Payroll.....\$1,000..	258,488	199,041	(D)	(D)	59,447	(D)	(D)	253,868	4,620	2,765	1,855	...
	Value added, adjusted.....do...	457,126	349,800	(D)	(D)	107,326	(D)	(D)	447,004	10,122	6,370	3,752	...
	Value of shipments.....do...	726,823	560,766	(D)	(D)	166,057	(D)	(D)	711,104	15,719	9,764	5,955	...
3822	Automatic temperature controls:												
	Establishments:												
	Total.....number..	83	28	28	...	55	41	14	69	14	14	...	...
	With 20 or more emp.....do...	44	27	27	...	17	17	...	44	...	...	...	...
	All employees:												
	Number.....	25,513	23,856	23,856	...	1,657	1,607	50	25,463	50	50	...	...
	Payroll.....\$1,000..	128,974	121,296	121,296	...	7,678	7,432	246	128,728	246	246	...	...
	Value added, adjusted.....do...	258,969	241,138	241,138	...	17,831	17,192	639	258,330	639	639	...	...
	Value of shipments.....do...	359,430	331,407	331,407	...	28,023	27,053	970	358,460	970	970	...	...
3831	Optical instruments and lenses:												
	Establishments:												
	Total.....number..	224	16	12	4	208	127	81	139	85	55	26	4
	With 20 or more emp.....do...	58	12	9	3	46	38	8	47	11	5	3	3
	All employees:												
	Number.....	7,184	3,484	(D)	(D)	3,700	(D)	(D)	5,261	1,923	449	(D)	(D)
	Payroll.....\$1,000..	37,586	19,470	(D)	(D)	18,116	(D)	(D)	28,236	9,350	1,806	(D)	(D)
	Value added, adjusted.....do...	60,387	28,601	(D)	(D)	31,786	(D)	(D)	43,531	16,856	5,255	(D)	(D)
	Value of shipments.....do...	102,966	55,991	(D)	(D)	46,975	(D)	(D)	78,185	24,781	6,944	(D)	(D)

See footnotes at end of table.

TYPE OF ORGANIZATION

3-51

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
38	Instruments & related products—Continued												
3841	Surgical & medical instruments: Establishments:												
	Total.....number..	231	29	29	...	202	136	66	165	66	42	24	...
	With 20 or more emp....do...	88	27	27	...	61	54	7	81	7	1	6	...
	All employees:												
	Number.....	10,293	5,611	5,611	...	4,682	3,976	706	9,587	706	152	554	...
	Payroll.....\$1,000..	44,878	25,127	25,127	...	19,751	17,701	2,050	42,828	2,050	487	1,563	...
	Value added, adjusted....do...	85,153	51,092	51,092	...	34,061	29,156	4,905	80,248	4,905	1,159	3,746	...
	Value of shipments.....do...	130,477	76,921	76,921	...	53,556	46,516	7,040	123,437	7,040	1,864	5,176	...
3842	Surgical appliances & supplies: Establishments:												
	Total.....number..	590	97	92	5	493	273	220	365	225	159	66	...
	With 20 or more emp....do...	161	67	66	1	94	85	9	151	10	6	4	...
	All employees:												
	Number.....	24,179	16,347	(D)	(D)	7,832	(D)	(D)	23,014	1,165	719	446	...
	Payroll.....\$1,000..	114,867	84,173	(D)	(D)	30,694	(D)	(D)	110,984	3,883	2,366	1,517	...
	Value added, adjusted....do...	257,640	199,081	(D)	(D)	58,559	(D)	(D)	248,498	9,142	5,645	3,497	...
	Value of shipments.....do...	461,846	358,088	(D)	(D)	103,758	(D)	(D)	448,041	13,805	8,393	5,412	...
3843	Dental equipment and supplies: Establishments:												
	Total.....number..	249	27	27	...	222	116	106	143	106	86	20	...
	With 20 or more emp....do...	55	23	23	...	32	30	2	53	2	1	1	...
	All employees:												
	Number.....	7,242	4,176	4,176	...	3,066	2,669	397	6,845	397	286	111	...
	Payroll.....\$1,000..	34,775	20,201	20,201	...	14,574	13,019	1,555	33,220	1,555	1,090	465	...
	Value added, adjusted....do...	71,574	44,714	44,714	...	26,860	22,766	4,094	67,480	4,094	2,848	1,246	...
	Value of shipments.....do...	115,667	67,677	67,677	...	47,990	41,787	6,203	109,464	6,203	4,275	1,928	...
3851	Ophthalmic goods: Establishments:												
	Total.....number..	246	41	33	8	205	137	68	170	76	47	22	7
	With 20 or more emp....do...	104	28	22	6	76	69	7	91	13	3	4	6
	All employees:												
	Number.....	18,223	11,514	(D)	(D)	6,709	(D)	(D)	14,271	3,952	(D)	(D)	(D)
	Payroll.....\$1,000..	71,465	47,256	(D)	(D)	24,209	(D)	(D)	57,404	14,061	(D)	(D)	(D)
	Value added, adjusted....do...	136,696	95,669	(D)	(D)	41,027	(D)	(D)	97,079	39,617	(D)	(D)	(D)
	Value of shipments.....do...	194,446	125,523	(D)	(D)	68,923	(D)	(D)	142,064	52,382	(D)	(D)	(D)
3861	Photographic equipment: Establishments:												
	Total.....number..	480	82	82	...	398	273	125	355	125	92	31	(D)
	With 20 or more emp....do...	159	67	67	...	62	83	9	150	9	3	6	...
	All employees:												
	Number.....	60,262	52,635	52,635	...	7,627	6,661	1,016	59,246	1,016	(D)	620	(D)
	Payroll.....\$1,000..	368,970	330,717	330,717	...	38,253	34,303	3,950	365,020	3,950	(D)	2,505	(D)
	Value added, adjusted....do...	788,759	723,673	723,673	...	65,086	57,109	7,977	780,782	7,977	(D)	5,059	(D)
	Value of shipments.....do...	1,204,905	1,082,886	1,082,886	...	122,019	106,440	15,579	1,189,326	15,579	(D)	9,692	(D)
3871	Watches and clocks: Establishments:												
	Total.....number..	168	39	39	...	129	75	54	114	54	40	14	...
	With 20 or more emp....do...	65	32	32	...	33	29	4	61	4	...	4	...
	All employees:												
	Number.....	23,505	20,413	20,413	...	3,092	2,735	357	23,148	357	121	236	...
	Payroll.....\$1,000..	106,739	93,465	93,465	...	13,274	11,878	1,396	105,343	1,396	459	937	...
	Value added, adjusted....do...	165,158	140,621	140,621	...	24,537	21,177	3,360	161,798	3,360	1,294	2,066	...
	Value of shipments.....do...	334,928	288,687	288,687	...	46,241	40,585	5,656	329,272	5,656	2,184	3,472	...
3872	Watchcases: Establishments:												
	Total.....number..	61	9	9	...	52	38	14	47	14	7	7	...
	With 20 or more emp....do...	24	8	8	...	16	14	2	22	2	...	2	...
	All employees:												
	Number.....	2,652	1,666	1,666	...	986	874	112	2,540	112	11	101	...
	Payroll.....\$1,000..	12,574	7,517	7,517	...	5,057	4,476	581	11,993	581	61	520	...
	Value added, adjusted....do...	18,398	11,245	11,245	...	7,153	6,201	952	17,446	952	134	818	...
	Value of shipments.....do...	34,660	21,009	21,009	...	13,651	11,355	2,296	32,364	2,296	284	2,012	...
39	Miscellaneous manufacturing: ⁴ Establishments:												
	Total.....number..	14,273	1,097	1,019	78	13,176	6,400	6,776	7,419	6,854	4,678	2,151	25
	With 20 or more emp....do...	3,606	844	825	19	2,762	2,333	429	3,158	448	158	282	8
	All employees:												
	Number.....	571,434	344,953	342,436	2,517	226,481	183,321	43,160	525,757	45,677	22,456	22,414	807
	Payroll.....\$1,000..	2,847,330	1,974,750	1,966,570	8,180	872,580	735,943	136,637	2,702,513	144,817	69,305	73,619	1,893
	Production workers:												
	Number.....	412,734	227,868	225,797	2,071	184,866	147,526	37,340	373,323	39,411	19,276	19,451	684
	Man-hours.....1,000..	810,283	458,427	454,589	3,838	351,856	284,723	67,133	739,312	70,971	33,986	35,867	1,118
	Wages.....\$1,000..	1,702,441	1,086,372	1,080,247	6,125	616,069	501,951	114,118	1,582,198	120,243	57,942	60,816	1,485
	Value added, adjusted....do...	4,754,260	3,235,563	3,218,265	17,298	1,518,697	1,235,145	283,552	4,453,410	300,850	141,582	155,853	3,415
	Capital expend., new....do...	183,231	116,066	115,548	518	67,165	50,194	16,971	165,742	17,489	9,764	7,689	36

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
39	Miscellaneous manufacturing—Continued												
3911	Jewelry, precious metal: Establishments:												
	Total.....number..	1,302	25	23	2	1,277	528	749	551	751	476	272	3
	With 20 or more emp....do...	183	18	17	1	165	141	24	158	25	10	14	1
	All employees:												
	Number.....	21,010	3,973	(D)	(D)	17,037	(D)	(D)	17,322	3,688	(D)	1,899	(D)
	Payroll.....\$1,000..	94,503	18,001	(D)	(D)	76,502	(D)	(D)	80,546	13,957	(D)	7,224	(D)
	Value added, adjusted....do...	165,549	37,005	(D)	(D)	128,544	(D)	(D)	134,300	31,249	(D)	16,639	(D)
	Value of shipments.....do...	325,542	74,696	(D)	(D)	250,846	(D)	(D)	257,595	67,947	(D)	37,365	(D)
3912	Jewelers' findings & materials: Establishments:												
	Total.....number..	249	7	7	...	242	136	106	143	106	73	33	...
	With 20 or more emp....do...	56	7	7	...	49	46	3	53	3	1	2	...
	All employees:												
	Number.....	5,101	1,838	1,838	...	3,263	2,743	520	4,581	520	309	211	...
	Payroll.....\$1,000..	20,669	8,235	8,235	...	12,434	11,033	1,401	19,268	1,401	767	634	...
	Value added, adjusted....do...	33,434	12,980	12,980	...	20,454	17,524	2,930	30,504	2,930	1,546	1,384	...
	Value of shipments.....do...	71,878	27,781	27,781	...	44,097	37,951	6,146	65,732	6,146	3,418	2,728	...
3913	Lapidary work: Establishments:												
	Total.....number..	326	7	7	...	319	60	259	67	259	184	75	...
	With 20 or more emp....do...	18	3	3	...	15	12	3	15	3	...	3	...
	All employees:												
	Number.....	1,904	251	251	...	1,653	865	788	1,116	788	461	327	...
	Payroll.....\$1,000..	8,061	1,185	1,185	...	6,876	3,792	3,084	4,977	3,084	1,541	1,543	...
	Value added, adjusted....do...	14,605	1,448	1,448	...	13,157	6,557	6,600	8,005	6,600	2,438	4,162	...
	Value of shipments.....do...	40,428	3,020	3,020	...	37,408	15,315	22,093	18,335	22,093	6,837	15,256	...
3914	Silverware and plated ware: Establishments:												
	Total.....number..	209	33	33	...	176	114	62	147	62	39	21	2
	With 20 or more emp....do...	87	30	30	...	57	52	5	82	5	1	4	...
	All employees:												
	Number.....	13,852	9,811	9,811	...	4,041	3,622	419	13,433	419	(D)	291	(D)
	Payroll.....\$1,000..	62,318	45,517	45,517	...	16,801	15,201	1,600	60,718	1,600	(D)	1,171	(D)
	Value added, adjusted....do...	109,728	80,082	80,082	...	29,646	26,691	2,955	106,773	2,955	(D)	2,155	(D)
	Value of shipments.....do...	196,055	144,107	144,107	...	51,948	46,801	5,147	190,908	5,147	(D)	3,620	(D)
3931	Musical instruments and parts: Establishments:												
	Total.....number..	274	59	58	1	215	125	90	183	91	65	24	2
	With 20 or more emp....do...	117	50	49	1	67	57	10	106	11	4	6	1
	All employees:												
	Number.....	17,450	10,630	(D)	(D)	6,820	(D)	(D)	16,697	753	(D)	338	(D)
	Payroll.....\$1,000..	81,657	50,946	(D)	(D)	30,711	(D)	(D)	78,995	2,662	(D)	1,250	(D)
	Value added, adjusted....do...	131,703	80,817	(D)	(D)	50,886	(D)	(D)	125,659	6,044	(D)	3,094	(D)
	Value of shipments.....do...	258,988	166,736	(D)	(D)	92,252	(D)	(D)	248,750	10,238	(D)	5,313	(D)
3941	Games and toys, nec: Establishments:												
	Total.....number..	854	67	64	3	787	545	242	609	245	158	85	2
	With 20 or more emp....do...	367	61	59	2	306	270	36	329	38	12	25	1
	All employees:												
	Number.....	42,972	16,236	(D)	(D)	26,736	(D)	(D)	39,529	3,443	1,797	(D)	(D)
	Payroll.....\$1,000..	149,725	60,904	(D)	(D)	88,821	(D)	(D)	139,717	10,008	5,644	(D)	(D)
	Value added, adjusted....do...	288,863	110,855	(D)	(D)	178,008	(D)	(D)	267,374	21,489	10,912	(D)	(D)
	Value of shipments.....do...	544,056	199,153	(D)	(D)	344,903	(D)	(D)	503,485	40,571	19,759	(D)	(D)
3942	Dolls: Establishments:												
	Total.....number..	485	13	13	...	472	239	233	252	233	155	78	...
	With 20 or more emp....do...	162	10	10	...	152	117	35	127	35	11	24	...
	All employees:												
	Number.....	13,860	2,036	2,036	...	11,824	8,939	2,885	10,975	2,885	1,146	1,739	...
	Payroll.....\$1,000..	43,984	7,758	7,758	...	36,226	29,237	6,989	36,995	6,989	2,414	4,575	...
	Value added, adjusted....do...	77,149	14,248	14,248	...	62,901	49,388	13,513	63,636	13,513	4,308	9,205	...
	Value of shipments.....do...	161,924	25,610	25,610	...	136,314	110,869	25,445	136,479	25,445	7,883	17,562	...
3943	Children's vehicles: Establishments:												
	Total.....number..	58	7	7	...	51	41	10	48	10	8	2	...
	With 20 or more emp....do...	33	7	7	...	26	25	1	32	1	1	...	...
	All employees:												
	Number.....	4,708	1,508	1,508	...	3,200	(D)	(D)	(D)	(D)	(D)	(D)	...
	Payroll.....\$1,000..	19,625	6,367	6,367	...	13,258	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value added, adjusted....do...	31,727	10,337	10,337	...	21,390	(D)	(D)	(D)	(D)	(D)	(D)	...
	Value of shipments.....do...	70,438	24,924	24,924	...	45,514	(D)	(D)	(D)	(D)	(D)	(D)	...
3949	Sporting & athletic goods, nec: Establishments:												
	Total.....number..	1,210	103	94	9	1,107	551	556	645	565	365	198	2
	With 20 or more emp....do...	302	76	75	1	226	193	33	268	34	17	17	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
39	Miscellaneous manufacturing—Continued												
	Sporting & athletic goods, nec—Continued												
	All employees:												
	Number.....	37,164	19,134	18,897	237	18,030	14,828	3,202	33,725	3,439	1,733	(D)	(D)
	Payroll.....\$1,000..	148,477	85,761	84,929	832	62,716	53,411	9,305	138,340	10,137	4,857	(D)	(D)
	Value added, adjusted....do...	314,059	198,796	197,232	1,564	115,263	96,222	19,041	293,454	20,605	9,935	(D)	(D)
	Value of shipments.....do...	577,815	347,092	344,523	2,569	230,723	191,200	39,523	535,723	42,092	20,306	(D)	(D)
3951	Pens and mechanical pencils:												
	Establishments:												
	Total.....number..	147	21	21	...	126	87	39	108	39	21	18	...
	With 20 or more emp....do...	66	18	18	...	48	43	5	61	5	1	4	...
	All employees:												
	Number.....	11,179	6,799	6,799	...	4,380	3,905	475	10,704	475	156	319	...
	Payroll.....\$1,000..	45,856	31,440	31,440	...	14,416	13,160	1,256	44,600	1,256	419	837	...
	Value added, adjusted....do...	90,197	64,188	64,188	...	26,009	23,568	2,441	87,756	2,441	956	1,485	...
	Value of shipments.....do...	150,279	93,923	93,923	...	56,356	50,858	5,498	144,781	5,498	1,999	3,499	...
3952	Lead pencils and art goods:												
	Establishments:												
	Total.....number..	146	23	22	1	123	69	54	91	55	39	16	...
	With 20 or more emp....do...	54	21	21	...	33	33	...	54	...	...	...	...
	All employees:												
	Number.....	6,687	3,312	(D)	(D)	3,375	(D)	(D)	6,478	209	122	87	...
	Payroll.....\$1,000..	26,183	13,040	(D)	(D)	13,143	(D)	(D)	25,563	620	382	238	...
	Value added, adjusted....do...	47,909	25,237	(D)	(D)	22,672	(D)	(D)	46,378	1,521	868	663	...
	Value of shipments.....do...	98,494	53,715	(D)	(D)	44,779	(D)	(D)	95,773	2,721	1,405	1,316	...
3953	Marking devices:												
	Establishments:												
	Total.....number..	525	43	39	4	482	174	308	213	312	224	83	5
	With 20 or more emp....do...	70	21	20	1	49	40	9	60	10	3	5	2
	All employees:												
	Number.....	5,447	1,497	(D)	(D)	3,950	(D)	(D)	4,017	1,430	762	(D)	(D)
	Payroll.....\$1,000..	24,775	7,455	(D)	(D)	17,320	(D)	(D)	19,574	5,201	2,662	(D)	(D)
	Value added, adjusted....do...	39,940	10,289	(D)	(D)	29,651	(D)	(D)	28,936	11,004	5,824	(D)	(D)
	Value of shipments.....do...	59,923	17,108	(D)	(D)	42,815	(D)	(D)	43,772	16,151	8,594	(D)	(D)
3955	Carbon paper and inked ribbons:												
	Establishments:												
	Total.....number..	103	33	33	...	70	52	18	85	18	11	7	...
	With 20 or more emp....do...	61	29	29	...	32	31	1	60	1	1	...	...
	All employees:												
	Number.....	5,818	4,231	4,231	...	1,587	1,488	99	5,719	99	79	20	...
	Payroll.....\$1,000..	27,614	19,777	19,777	...	7,837	7,390	447	27,167	447	372	75	...
	Value added, adjusted....do...	58,951	44,003	44,003	...	14,948	13,922	1,026	57,925	1,026	783	243	...
	Value of shipments.....do...	126,013	90,551	90,551	...	35,462	33,206	2,256	123,757	2,256	1,920	336	...
3961	Costume jewelry:												
	Establishments:												
	Total.....number..	1,051	33	29	4	1,018	523	495	552	499	335	163	1
	With 20 or more emp....do...	255	24	22	2	231	190	41	212	43	15	28	...
	All employees:												
	Number.....	25,286	7,188	(D)	(D)	18,098	(D)	(D)	21,328	3,958	(D)	2,216	(D)
	Payroll.....\$1,000..	83,201	26,529	(D)	(D)	56,672	(D)	(D)	72,662	10,539	(D)	6,348	(D)
	Value added, adjusted....do...	138,043	41,355	(D)	(D)	96,688	(D)	(D)	115,339	22,704	(D)	13,707	(D)
	Value of shipments.....do...	253,809	68,235	(D)	(D)	185,574	(D)	(D)	215,457	38,352	(D)	22,432	(D)
3962	Artificial flowers:												
	Establishments:												
	Total.....number..	431	12	9	3	419	170	249	179	252	173	79	...
	With 20 or more emp....do...	101	6	6	...	95	67	28	73	28	10	18	...
	All employees:												
	Number.....	6,770	362	(D)	(D)	6,408	(D)	(D)	4,661	2,109	1,076	1,033	...
	Payroll.....\$1,000..	19,021	1,041	(D)	(D)	17,980	(D)	(D)	14,079	4,942	2,298	2,644	...
	Value added, adjusted....do...	34,650	1,804	(D)	(D)	32,846	(D)	(D)	24,180	10,470	4,583	5,887	...
	Value of shipments.....do...	64,969	3,529	(D)	(D)	61,440	(D)	(D)	46,885	18,084	8,189	9,895	...
3963	Buttons:												
	Establishments:												
	Total.....number..	356	27	21	6	329	137	192	158	198	121	77	...
	With 20 or more emp....do...	87	23	18	5	64	52	12	70	17	3	14	...
	All employees:												
	Number.....	6,462	2,034	(D)	(D)	4,428	(D)	(D)	4,764	1,698	584	1,114	...
	Payroll.....\$1,000..	21,526	6,948	(D)	(D)	14,578	(D)	(D)	16,735	4,791	1,346	3,445	...
	Value added, adjusted....do...	37,967	13,571	(D)	(D)	24,396	(D)	(D)	28,032	9,935	2,565	7,370	...
	Value of shipments.....do...	68,609	25,030	(D)	(D)	43,579	(D)	(D)	51,205	17,404	4,451	12,953	...
3964	Needles, pins, and fasteners:												
	Establishments:												
	Total.....number..	367	62	60	2	305	189	116	249	118	64	54	...
	With 20 or more emp....do...	128	48	48	...	80	65	15	113	15	3	12	...
	All employees:												
	Number.....	17,756	11,578	(D)	(D)	6,178	(D)	(D)	16,624	1,132	452	680	...
	Payroll.....\$1,000..	69,873	47,683	(D)	(D)	22,190	(D)	(D)	66,473	3,400	1,450	1,950	...
	Value added, adjusted....do...	127,664	88,494	(D)	(D)	39,170	(D)	(D)	121,068	6,596	2,796	3,800	...
	Value of shipments.....do...	220,517	140,431	(D)	(D)	80,086	(D)	(D)	204,120	16,397	7,786	8,611	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
39	Miscellaneous manufacturing—Continued												
3981	Brooms and brushes:												
	Establishments:												
	Total.....number..	723	49	42	7	674	259	415	301	422	302	116	4
	With 20 or more emp....do...	179	37	36	1	142	120	22	156	23	10	11	2
	All employees:												
	Number.....	17,082	6,883	(D)	(D)	10,199	(D)	(D)	14,560	2,522	1,340	957	225
	Payroll.....\$1,000..	64,573	28,733	(D)	(D)	35,840	(D)	(D)	58,210	6,363	3,490	2,481	392
	Value added, adjusted....do...	137,496	74,558	(D)	(D)	62,938	(D)	(D)	124,431	13,065	7,010	5,687	368
	Value of shipments.....do...	275,722	144,483	(D)	(D)	131,239	(D)	(D)	247,006	28,716	15,424	12,143	1,149
3982	Hard surface floor coverings:												
	Establishments:												
	Total.....number..	14	11	11	...	3	3	...	14	...	...	...	...
	With 20 or more emp....do...	14	11	11	...	3	3	...	14	...	...	...	...
	All employees:												
	Number.....	7,999	7,046	7,046	...	953	953	...	7,999	...	...	...	...
	Payroll.....\$1,000..	41,924	36,839	36,839	...	5,085	5,085	...	41,924	...	...	...	...
	Value added, adjusted....do...	93,145	84,836	84,836	...	8,309	8,309	...	93,145	...	...	...	...
	Value of shipments.....do...	181,584	164,117	164,117	...	17,467	17,467	...	181,584	...	...	...	...
3983	Matches:												
	Establishments:												
	Total.....number..	23	13	13	...	10	9	1	22	1	1	...	...
	With 20 or more emp....do...	20	13	13	...	7	7	...	20	...	...	...	...
	All employees:												
	Number.....	5,127	3,857	3,857	...	1,270	(D)	(D)	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	21,097	15,673	15,673	...	5,424	(D)	(D)	(D)	(D)	(D)	...	...
	Value added, adjusted....do...	41,776	29,818	29,818	...	11,958	(D)	(D)	(D)	(D)	(D)	...	...
	Value of shipments.....do...	67,018	48,147	48,147	...	18,871	(D)	(D)	(D)	(D)	(D)	...	...
3984	Candles:												
	Establishments:												
	Total.....number..	86	6	6	...	80	44	36	50	36	28	8	...
	With 20 or more emp....do...	25	5	5	...	20	17	3	22	3	1	2	...
	All employees:												
	Number.....	2,516	998	998	...	1,518	1,286	232	2,284	232	137	95	...
	Payroll.....\$1,000..	9,268	3,995	3,995	...	5,273	4,659	614	8,654	614	327	287	...
	Value added, adjusted....do...	17,668	8,178	8,178	...	9,490	7,892	1,598	16,070	1,598	840	758	...
	Value of shipments.....do...	33,802	14,165	14,165	...	19,637	16,431	3,206	30,596	3,206	1,780	1,426	...
3987	Lamp shades:												
	Establishments:												
	Total.....number..	270	7	7	...	263	98	165	105	165	115	50	...
	With 20 or more emp....do...	50	6	6	...	44	34	10	40	10	2	8	...
	All employees:												
	Number.....	3,895	679	679	...	3,216	2,127	1,089	2,806	1,089	466	623	...
	Payroll.....\$1,000..	11,401	2,239	2,239	...	9,162	6,493	2,669	8,732	2,669	1,141	1,528	...
	Value added, adjusted....do...	18,577	3,222	3,222	...	15,355	9,909	5,446	13,131	5,446	2,175	3,271	...
	Value of shipments.....do...	34,066	5,470	5,470	...	28,596	18,520	10,076	23,990	10,076	4,098	5,978	...
3988	Morticians' goods:												
	Establishments:												
	Total.....number..	592	64	63	1	528	300	228	363	229	143	84	2
	With 20 or more emp....do...	219	57	56	1	162	132	30	188	31	11	20	...
	All employees:												
	Number.....	17,362	5,800	(D)	(D)	11,562	(D)	(D)	15,102	2,260	(D)	1,233	(D)
	Payroll.....\$1,000..	73,736	27,061	(D)	(D)	46,675	(D)	(D)	66,330	7,406	(D)	4,355	(D)
	Value added, adjusted....do...	128,879	52,712	(D)	(D)	76,167	(D)	(D)	114,898	13,981	(D)	8,472	(D)
	Value of shipments.....do...	237,773	86,266	(D)	(D)	151,507	(D)	(D)	206,803	30,970	(D)	19,243	(D)
3992	Furs, dressed and dyed:												
	Establishments:												
	Total.....number..	137	6	5	1	131	84	47	89	48	27	21	...
	With 20 or more emp....do...	31	5	5	...	26	25	1	30	1	...	1	...
	All employees:												
	Number.....	2,696	289	(D)	(D)	2,407	(D)	(D)	2,492	204	66	138	...
	Payroll.....\$1,000..	16,231	1,139	(D)	(D)	15,092	(D)	(D)	15,317	914	234	680	...
	Value added, adjusted....do...	24,112	2,619	(D)	(D)	21,493	(D)	(D)	21,996	2,116	681	1,435	...
	Value of shipments.....do...	29,152	3,279	(D)	(D)	25,873	(D)	(D)	26,230	2,922	972	1,950	...
3993	Signs and advertising displays:												
	Establishments:												
	Total.....number..	2,725	117	101	16	2,608	1,131	1,477	1,232	1,493	1,088	405	...
	With 20 or more emp....do...	460	70	68	2	390	335	55	403	57	27	30	...
	All employees:												
	Number.....	36,170	5,828	5,708	120	30,342	22,595	7,747	28,303	7,867	4,642	3,225	...
	Payroll.....\$1,000..	173,028	30,146	29,528	618	142,882	112,043	30,839	141,571	31,457	18,399	13,058	...
	Value added, adjusted....do...	281,168	45,576	44,384	1,192	235,592	174,903	60,689	219,287	61,881	36,434	25,447	...
	Value of shipments.....do...	457,025	72,480	70,549	1,931	384,545	287,916	97,349	357,745	99,280	58,470	40,810	...
3995	Umbrellas, parasols and canes:												
	Establishments:												
	Total.....number..	123	8	8	...	115	48	67	56	67	47	20	...
	With 20 or more emp....do...	43	6	6	...	37	27	10	33	10	3	7	...

See footnotes at end of table.

Table 2.—Selected Statistics for Operating Manufacturing Establishments, by Type of Operation and Legal Form of Organization for Major Industry Groups and Industries: 1958—Continued

(For explanation of line captions see Introduction)

Code	Major industry group and industry	All establishments	Type of operation ¹						Legal form of organization ¹				
			Multiunit companies			Single unit companies			Corporate	Noncorporate			
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ²
39	Miscellaneous manufacturing—Continued												
	Umbrellas, parasols and canes—Continued												
	All employees:												
	Number.....	2,932	487	487	...	2,445	1,858	587	2,345	587	259	328	...
	Payroll.....\$1,000..	10,129	1,456	1,456	...	8,673	6,925	1,748	8,381	1,748	607	1,141	...
	Value added, adjusted....do...	16,602	2,978	2,978	...	13,624	10,464	3,160	13,442	3,160	1,175	1,985	...
	Value of shipments.....do...	35,161	5,293	5,293	...	29,868	22,980	6,888	28,273	6,888	2,848	4,040	...
3999	Miscellaneous products, nec:												
	Establishments:												
	Total.....number..	1,259	114	96	18	1,145	613	532	709	550	396	152	2
	With 20 or more emp....do...	264	64	62	2	200	168	32	230	34	8	25	1
	All employees:												
	Number.....	27,285	11,336	10,897	439	15,949	12,908	3,041	23,805	3,480	(D)	1,614	(D)
	Payroll.....\$1,000..	109,053	49,498	48,434	1,064	59,555	49,714	9,841	98,148	10,905	(D)	5,914	(D)
	Value added, adjusted....do...	192,313	82,334	79,732	2,602	109,979	87,060	22,919	166,792	25,521	(D)	12,275	(D)
	Value of shipments.....do...	358,076	155,377	150,813	4,564	202,699	161,052	41,647	311,865	46,211	(D)	23,569	(D)
1900	Ordnance and ammunition:												
	Establishments:												
	Total.....number..	228	127	127	...	101	71	30	198	30	20	10	...
	With 20 or more emp....do...	154	118	118	...	36	31	5	149	5	3	2	...
	All employees:												
	Number.....	204,944	199,332	199,332	...	5,612	5,280	332	204,612	332	235	97	...
	Payroll.....\$1,000..	1,369,822	1,339,384	1,339,384	...	30,438	28,893	1,545	1,368,277	1,545	1,095	450	...
	Value added, adjusted....do...	2,060,386	2,013,223	2,013,223	...	47,163	44,407	2,756	2,057,630	2,756	1,729	1,027	...
	Value of shipments.....do...	4,221,302	4,151,835	4,151,835	...	69,467	63,432	6,035	4,215,267	6,035	4,386	1,649	...

D Withheld to avoid disclosing figures for individual companies.

¹All data are based on reports for individual manufacturing establishments and not on a company basis. Each establishment of multiestablishment companies is classified by its primary industrial activity. For this reason the statistics presented in this table cannot be compared directly with tabulations in which the whole corporation or company is the reporting unit and the entire company is classified in one industry, for example, the "Statistics of Income, Corporation Income Tax Returns" compiled by the Bureau of Internal Revenue, U. S. Treasury Department. Establishments were classified as part of a multiunit company when the company operated two or more establishments, of which at least one was a manufacturing establishment.

²Includes cooperatives, establishments operated by estate administrators, trusteeships, receiverships, and public and quasi-public organizations.

³The total value of shipments has not been published due to the extensive and unmeasurable duplication arising from shipments from one establishment to another in the same industry classification. (See Introduction.)

⁴Includes Major Industry Group 19, "Ordnance and Accessories." Group 19 includes a number of government-owned privately operated establishments. Establishments which are government-owned and government-operated are not included.

MANUFACTURERS' INVENTORIES

4-1

MANUFACTURERS—SUMMARY STATISTICS

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957

(In thousands of dollars)

Code	Industry group and industry	Value of inventories at end of ¹ —							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
	All industries, total.....	r49,353,693	r10,500,320	r14,958,031	r17,895,340	r51,439,109	r17,031,140	r15,562,486	r18,845,483
20	Food and kindred products.....	5,489,609	3,148,675	330,586	2,010,349	5,310,616	2,995,877	324,521	1,990,218
21	Tobacco products.....	1,500,226	526,147	23,735	950,344	1,526,764	551,462	26,451	948,852
22	Textile mill products.....	2,085,739	777,296	552,790	755,653	2,228,013	874,641	562,494	790,878
23	Apparel and related products...	1,633,385	717,007	307,898	608,480	1,701,991	751,837	311,227	638,927
24	Lumber and wood products.....	r1,283,275	r548,163	r278,885	r456,225	r1,270,094	r555,188	r286,074	r428,833
25	Furniture and fixtures.....	683,036	192,743	158,615	331,678	681,336	194,728	155,425	331,183
26	Paper and allied products.....	1,440,728	429,390	155,149	856,389	1,441,122	401,617	150,603	888,902
27	Printing and publishing.....	1,168,068	312,281	251,439	604,348	1,160,370	309,264	251,627	599,479
28	Chemicals and allied products..	3,001,693	1,384,440	431,196	1,186,057	3,072,360	1,400,991	453,501	1,217,868
29	Petroleum and coal products....	1,675,873	923,350	385,138	367,385	1,884,253	1,062,247	415,808	406,198
30	Rubber & plastics products.....	927,552	480,395	147,782	299,375	956,842	488,241	151,334	322,267
31	Leather & leather products.....	530,906	189,857	136,246	204,803	529,104	193,762	132,439	202,903
32	Stone, clay and glass products.	1,231,147	615,957	150,391	464,799	1,262,959	618,920	155,355	488,684
33	Primary metal industries.....	5,450,503	1,409,728	1,571,173	2,469,602	5,370,848	1,337,928	1,506,794	2,526,126
34	Fabricated metal products.....	3,534,046	936,312	1,106,131	1,491,603	3,768,211	988,129	1,190,398	1,589,684
35	Machinery, except electrical...	5,397,018	1,668,930	2,269,817	1,458,271	5,973,626	1,813,501	2,544,063	1,616,061
36	Electrical machinery.....	3,383,126	969,583	1,429,108	984,433	3,707,146	1,135,539	1,489,245	1,082,361
37	Transportation equipment.....	6,357,752	639,962	4,104,098	1,613,692	7,011,192	718,216	4,358,619	1,934,357
38	Instruments & related products.	983,847	237,344	499,708	246,795	999,786	240,758	501,799	257,229
39	Miscellaneous manufacturing ² ...	r1,596,164	r392,960	r668,146	r535,059	r1,582,476	r403,294	r594,709	r584,473
20	Food and kindred products..	5,489,609	3,148,675	330,586	2,010,349	5,310,616	2,995,877	324,521	1,990,218
201	Meat products.....	599,716	444,737	36,094	118,884	551,965	397,880	37,506	116,579
2011	Meat packing plants.....	407,311	301,570	29,909	75,832	380,635	271,184	32,207	77,245
2013	Prepared meats.....	115,352	81,288	4,491	29,573	99,515	70,719	3,037	25,759
2015	Poultry dressing plants.....	77,053	61,879	1,694	13,479	71,815	55,977	2,262	13,575
202	Dairy products.....	372,549	175,176	13,368	184,005	368,050	176,020	14,657	177,373
2021	Creamery butter.....	33,589	24,258	1,076	8,255	35,032	24,958	1,372	8,702
2022	Natural cheese.....	56,412	38,463	1,458	16,491	49,187	35,591	1,298	12,298
2023	Condensed and evaporated milk	46,499	29,751	1,482	15,266	48,648	33,634	1,796	13,218
2024	Ice cream and frozen desserts	58,961	21,173	1,334	36,454	58,364	19,985	2,065	36,314
2025	Special dairy products.....	25,633	8,176	1,815	15,642	25,671	8,182	1,784	15,705
2026	Fluid milk.....	151,455	53,355	6,203	91,897	151,148	53,670	6,342	91,136
203	Canned and frozen foods.....	1,407,669	1,104,201	68,120	235,348	1,317,016	1,036,031	63,756	217,229
2031	Canned and cured seafoods....	75,561	64,909	911	9,741	62,276	52,576	767	8,933
2032	Canned specialties.....	176,450	129,561	2,478	44,411	153,830	116,783	1,501	35,546
2033	Canned fruits and vegetables.	780,526	672,991	25,522	82,013	738,842	637,466	23,982	77,394
2034	Dehydrated fruits & vegetables	49,848	22,315	11,214	16,319	61,892	31,548	11,518	18,826
2035	Pickles and sauces.....	85,226	38,729	13,688	32,809	83,520	38,495	12,919	32,106
2036	Fresh or frozen packaged fish	39,346	26,808	842	11,696	29,922	20,801	436	8,685
2037	Frozen fruits and vegetables.	200,712	148,888	13,465	38,359	186,734	138,362	12,633	35,739
204	Grain mill products.....	585,694	180,425	29,266	376,003	585,695	166,352	27,711	391,632
2041	Flour and meal.....	210,491	39,673	4,632	166,186	229,116	40,340	3,862	184,914
2042	Prepared animal feeds.....	192,018	71,188	13,707	107,123	185,050	65,867	13,751	105,432
2043	Cereal preparations.....	36,587	13,154	1,613	21,820	37,350	12,367	1,398	23,585
2044	Rice milling.....	67,450	19,692	5,491	42,267	61,410	16,985	4,802	39,623
2045	Blended and prepared flour...	25,132	10,437	727	13,968	21,897	7,730	529	13,638
2046	Wet corn milling.....	54,016	26,281	3,096	24,639	50,872	23,063	3,369	24,440
205	Bakery products.....	201,709	28,763	4,293	168,653	203,511	30,103	4,183	169,225
2051	Bread and related products...	143,358	8,222	1,562	133,574	144,670	7,158	1,395	136,117
2052	Biscuit and crackers.....	58,351	20,541	2,731	35,079	58,841	22,945	2,788	33,108
206	Sugar.....	240,646	146,823	8,973	84,850	231,139	151,908	10,988	68,243
2061	Raw cane sugar.....	8,510	6,614	19	1,877	9,289	6,811	300	2,178
2062	Cane sugar refining.....	101,512	34,493	7,960	59,059	85,015	33,616	8,677	42,722
2063	Beet sugar.....	130,624	105,716	994	23,914	136,835	111,481	2,011	23,343
207	Candy and related products.....	282,233	104,551	20,585	157,097	258,909	90,818	17,464	150,627
2071	Confectionery products.....	161,964	63,112	9,742	89,110	144,857	53,878	8,380	82,599
2072	Chocolate and cocoa products.	88,762	36,426	10,141	42,195	81,082	31,711	8,337	41,034
2073	Chewing gum.....	31,507	5,013	702	25,792	32,970	5,229	747	26,994
208	Beverages.....	1,075,083	704,669	88,346	282,070	1,048,956	689,949	83,019	275,988
2082	Malt liquors.....	138,103	24,414	24,764	88,925	137,851	22,612	25,219	90,020
2083	Malt.....	73,792	39,092	3,430	31,270	76,964	40,694	4,091	32,179
2084	Wines and brandy.....	100,695	66,457	26,679	7,559	89,209	61,675	20,821	6,713
2085	Distilled liquor except brandy	592,862	528,389	26,990	37,483	581,890	517,563	27,310	37,017
2086	Bottled and canned soft drinks.	98,685	24,398	3,299	70,990	91,968	22,407	2,875	66,686
2087	Flavorings.....	70,946	21,919	3,184	45,843	71,074	24,998	2,703	43,373

See footnotes at end of table.

MANUFACTURES' INVENTORIES

4-3

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957-Continued

Code	Industry group and industry	Value of inventories at end of ¹ -							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
	Food and kindred products-Continued								
209	Other food preparations.....	724,310	259,330	61,541	403,439	745,375	256,816	65,237	423,322
2091	Cottonseed oil mills.....	99,559	23,377	11,741	64,441	97,444	32,547	11,053	53,844
2092	Soybean oil mills.....	161,875	33,440	6,644	121,791	161,862	29,525	4,700	127,637
2093	Vegetable oil mills,nec.....	44,295	22,736	512	21,047	51,125	24,536	690	25,899
2094	Grease and tallow.....	16,300	12,217	1,315	2,768	15,116	11,464	677	2,975
2095	Animal oils,nec.....	9,132	6,817	159	2,156	10,692	7,359	259	3,074
2096	Shortening and cooking oils.	101,676	37,723	28,634	35,319	107,323	36,707	30,786	39,830
2097	Manufactured ice.....	4,352	2,942	53	1,357	4,283	2,741	62	1,480
2098	Macaroni and spaghetti.....	12,922	5,426	601	6,895	11,976	4,669	632	6,675
2099	Food preparations, nec.....	274,199	114,652	11,882	147,665	285,554	107,268	16,378	161,908
21	Tobacco products.....	1,500,226	526,147	23,735	950,344	1,526,764	551,462	26,451	948,852
2111	Cigarettes.....	424,827	16,875	9,035	398,917	430,813	17,947	8,235	404,631
2121	Cigars.....	62,804	17,628	4,762	40,414	60,856	16,138	3,782	40,936
2131	Chewing and smoking tobacco...	41,268	6,853	5,298	29,117	39,994	5,242	5,242	28,148
2141	Tobacco stemming and redrying.	971,327	484,791	4,640	481,896	995,101	510,773	9,192	475,137
22	Textile mill products.....	2,085,739	777,296	552,790	755,653	2,228,013	874,641	562,494	790,878
2211	Weaving mills, cotton.....	589,864	254,211	126,878	208,775	629,262	300,749	127,574	200,939
2221	Weaving mills, synthetics.....	230,392	84,371	70,845	75,176	244,522	87,840	74,371	82,311
2231	Weaving, finishing mills,wool.	170,110	42,995	65,752	61,363	199,129	53,941	70,611	74,577
2241	Narrow fabric mills.....	50,894	18,961	13,713	18,220	51,290	20,132	13,507	17,651
225	Knitting mills.....	374,757	153,795	110,283	110,679	381,897	166,490	106,171	109,236
2251	Full-fashioned hosiery mills	61,482	21,382	28,142	11,958	61,957	23,218	26,408	12,331
2252	Seamless hosiery mills.....	93,088	38,142	33,556	21,390	92,702	39,964	31,650	21,088
2253	Knit outerwear mills.....	96,734	43,535	20,013	33,186	98,836	47,255	20,566	31,015
2254	Knit underwear mills.....	62,681	30,690	12,267	19,724	62,272	32,915	10,432	18,925
2256	Knit fabric mills.....	56,006	18,080	15,258	22,668	60,675	20,878	16,191	23,606
2259	Knitting mills, nec.....	4,766	1,966	1,047	1,753	5,455	2,260	924	2,271
226	Textile finishing,except wool.	79,695	18,791	20,440	40,464	79,051	18,393	19,674	40,984
2261	Finishing plants, cotton....	54,591	12,027	13,754	28,810	52,514	11,252	12,574	28,688
2262	Finishing plants, synthetics	10,541	2,021	2,423	6,097	11,222	2,219	2,707	6,296
2269	Finishing plants, nec.....	14,563	4,743	4,263	5,557	15,315	4,922	4,393	6,000
227	Floor covering mills.....	153,250	58,792	41,107	53,351	166,226	67,457	43,613	55,156
2271	Woven carpets and rugs.....	97,778	37,574	30,423	29,781	110,566	45,162	33,710	31,694
2272	Tufted carpets and rugs.....	45,896	17,961	7,521	20,414	44,042	18,073	7,019	18,950
2279	Carpets and rugs, nec.....	9,576	3,257	3,163	3,156	11,618	4,222	2,884	4,512
228	Yarn and thread mills.....	210,888	61,582	59,511	89,795	221,607	64,234	59,356	98,017
2281	Yarn mills, except wool.....	117,378	31,781	25,618	59,979	124,265	32,283	25,831	66,151
2282	Throwing and winding mills..	16,324	5,571	4,353	6,400	17,111	6,325	4,266	6,520
2283	Wool yarn mills.....	38,635	8,432	13,708	16,495	40,458	9,644	13,624	17,190
2284	Thread mills.....	38,551	15,798	15,832	6,921	39,773	15,982	15,635	8,156
229	Miscellaneous textile goods...	225,889	83,798	44,261	97,830	255,029	95,405	47,617	112,007
2291	Felt goods, nec.....	14,159	3,390	1,220	9,549	15,921	3,983	1,409	10,529
2292	Lace goods.....	13,046	4,663	4,820	3,563	16,092	5,708	6,152	4,232
2293	Padding & upholstery filling	18,406	4,186	1,522	12,698	21,034	4,192	1,664	15,178
2294	Processed textile waste.....	12,354	5,638	1,593	5,123	13,231	6,428	1,568	5,235
2295	Coated fabric,not rubberized	42,549	15,925	9,803	16,821	46,035	15,618	10,075	20,342
2296	Tire cord and fabric.....	43,890	16,753	12,404	14,733	53,000	21,726	12,548	18,726
2297	Scouring and combing plants.	13,595	4,914	2,812	5,869	16,096	7,071	3,604	5,421
2298	Cordage and twine.....	37,695	17,659	4,684	15,352	39,781	17,836	5,205	16,740
2299	Textile goods, nec.....	30,195	10,670	5,403	14,122	33,839	12,843	5,392	15,604
23	Apparel & related products	1,633,385	717,007	307,898	608,480	1,701,991	751,837	311,227	638,927
2311	Men's and boys' suits & coats.	199,477	82,498	43,258	73,721	228,628	94,666	45,071	88,891
232	Men's and boys' furnishings.	409,418	215,939	57,468	136,011	430,988	230,039	56,797	144,152
2321	Men's dress shirts and nightwear.....	140,723	71,068	27,397	42,258	157,223	80,152	27,954	49,117
2322	Men's and boys' underwear...	25,569	13,872	3,047	8,650	25,883	13,653	2,633	9,597
2323	Men's and boys' neckwear....	11,332	5,248	1,343	4,741	12,706	6,208	1,641	4,857
2327	Separate trousers.....	63,892	33,971	8,590	21,331	69,471	37,095	8,547	23,829
2328	Work clothing.....	118,132	69,846	11,239	37,047	114,367	69,266	10,757	34,344
2329	Men's and boys' clothing,nec	49,770	21,934	5,852	21,984	51,338	23,665	5,265	22,408
233	Women's & misses' outerwear.	333,468	125,770	68,718	138,980	339,302	128,955	67,561	142,786
2331	Blouses.....	31,489	14,111	6,392	10,986	31,871	13,786	7,146	10,939
2335	Dresses.....	133,506	42,507	32,694	58,305	136,208	43,861	32,420	59,927
2337	Women's suits,coats & skirts	101,935	36,790	16,863	48,282	104,192	37,073	17,683	49,436
2339	Women's outerwear, nec.....	66,538	32,362	12,769	21,407	67,031	34,235	10,312	22,484

See footnotes at end of table.

MANUFACTURERS—SUMMARY STATISTICS

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957—Continued

Code	Industry group and industry	Value of inventories at end of ¹ —							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
	Apparel and related products—Continued								
234	Women's undergarments.....	174,465	79,672	41,104	53,689	175,358	82,332	38,765	54,261
2341	Women's and children's underwear	101,290	44,722	23,104	33,464	105,488	48,221	22,722	34,545
2342	Corsets and allied garments...	73,175	34,950	18,000	20,225	69,870	34,111	16,043	19,716
235	Millinery, hats and caps.....	39,793	14,340	7,029	18,424	40,230	14,498	7,698	18,034
2351	Millinery.....	12,108	3,661	1,931	6,516	11,074	3,397	1,683	5,994
2352	Hats and caps.....	27,685	10,679	5,098	11,908	29,156	11,101	6,015	12,040
236	Children's outerwear.....	90,270	35,700	19,599	34,971	91,239	36,494	19,965	34,780
2361	Children's dresses.....	33,040	12,418	9,096	11,526	31,408	11,825	8,937	10,646
2365	Children's coats.....	13,857	5,051	2,000	6,806	16,975	6,252	2,286	8,437
2369	Children's outerwear, nec....	43,373	18,231	8,503	16,639	42,856	18,417	8,742	15,697
2371	Fur goods.....	43,227	26,940	5,477	10,810	41,987	26,569	4,761	10,657
238	Miscellaneous apparel.....	94,630	44,252	19,806	30,572	97,640	48,335	18,584	30,721
2381	Fabric dress and work gloves.	26,634	13,912	5,929	6,793	29,540	16,250	6,441	6,849
2384	Robes and dressing gowns.....	12,470	4,793	1,723	5,954	12,204	4,842	1,749	5,613
2385	Waterproof outer garments.....	17,541	8,028	4,173	5,340	16,944	8,071	3,345	5,528
2386	Leather and sheep-lined clothing	7,701	3,235	1,579	2,887	7,054	3,252	1,092	2,710
2387	Apparel belts.....	12,186	4,905	2,953	4,328	12,686	6,211	2,116	4,359
2389	Apparel, nec.....	18,098	9,379	3,449	5,270	19,212	9,709	3,841	5,662
239	Fabricated textiles, nec.....	248,637	91,896	45,439	111,302	256,619	89,949	52,025	114,645
2391	Curtains and draperies.....	27,119	10,869	2,609	13,641	25,523	10,122	2,247	13,154
2392	House furnishings, nec.....	83,878	41,488	10,919	31,471	81,808	39,998	10,810	31,000
2393	Textile bags.....	27,694	10,229	2,297	15,168	27,201	9,451	2,016	15,734
2394	Canvas products.....	22,754	7,462	1,410	13,882	22,357	7,131	1,347	13,879
2397	Schiffli machine embroideries	5,443	2,009	802	2,632	5,086	2,049	660	2,377
2398	Trimings and stitchings.....	46,615	7,784	22,918	15,913	53,773	8,116	28,962	16,695
2399	Textile products, nec.....	35,134	12,055	4,484	18,595	40,871	13,082	5,983	21,806
24	Lumber and wood products...	^r 1,283,275	^r 548,163	^r 278,885	^r 456,225	^r 1,270,094	^r 555,188	^r 286,074	^r 428,833
2411	Logging camps and contractors..	115,634	71,388	19,914	24,332	117,846	75,164	19,441	23,241
242	Sawmills and planing mills.....	^r 626,039	^r 310,603	^r 145,697	^r 159,737	^r 621,665	^r 319,841	^r 167,074	^r 134,751
2421	Sawmills and planing mills...	^r 551,089	^r 280,801	^r 139,518	^r 130,768	^r 547,637	^r 289,408	^r 150,728	^r 107,502
2426	Hardwood dimension and flooring	52,665	21,190	9,164	22,311	48,974	20,857	7,926	20,191
2429	Special products sawmills, nec.	22,285	8,612	7,015	6,658	25,054	9,576	8,420	7,058
243	Millwork and related products...	326,243	88,920	64,708	172,615	305,358	82,143	58,152	165,063
2431	Millwork plants.....	171,694	48,029	38,379	85,286	168,556	45,922	38,219	84,415
2432	Veneer and plywood plants.....	112,499	37,794	19,643	55,062	103,428	33,414	14,458	55,556
2433	Prefabricated wood products...	42,050	3,097	6,686	32,267	33,374	2,807	5,475	25,092
244	Wooden containers.....	71,455	18,746	13,438	39,271	76,273	18,920	13,877	43,476
2441	Nailed wooden boxes and shooks.	33,550	9,392	4,580	19,578	35,274	9,823	4,693	20,758
2442	Wirebound boxes and crates....	10,826	3,696	1,753	5,377	10,565	3,316	1,691	5,558
2443	Veneer and plywood containers.	5,812	3,950	610	1,252	5,717	3,990	538	1,189
2445	Cooperage.....	21,267	1,708	6,495	13,064	24,717	1,791	6,955	15,971
249	Miscellaneous wood products.....	143,904	58,506	25,128	60,270	148,952	59,120	27,530	62,302
2491	Wood preserving.....	57,918	30,405	9,563	17,950	62,346	30,153	12,311	19,882
2499	Wood products, nec.....	85,986	28,101	15,565	42,320	86,606	28,967	15,219	42,420
25	Furniture and fixtures.....	683,036	192,743	158,615	331,678	681,336	194,728	155,425	331,183
251	Household furniture.....	447,993	129,624	90,555	227,814	445,915	129,539	91,334	225,042
2511	Wood furniture not upholstered	215,884	76,254	53,905	85,725	216,885	73,921	54,954	88,010
2512	Wood furniture, upholstered...	86,916	15,150	14,521	57,245	81,864	13,584	13,983	54,297
2514	Metal household furniture.....	71,174	22,093	13,022	36,059	73,113	25,220	13,238	34,655
2515	Mattresses and bed springs.....	69,308	14,823	7,920	46,565	69,497	15,532	8,017	45,948
2519	Household furniture, nec.....	4,711	1,304	1,187	2,220	4,556	1,282	1,142	2,132
252	Office furniture.....	63,442	18,404	18,569	26,469	67,040	21,879	18,144	27,017
2521	Wood office furniture.....	11,362	2,796	3,653	4,913	11,941	2,944	3,922	5,075
2522	Metal office furniture.....	52,080	15,608	14,916	21,556	55,099	18,935	14,222	21,942
2531	Public building furniture.....	45,253	11,375	14,872	19,006	41,579	9,707	14,103	17,769
254	Partitions and fixtures.....	77,491	17,674	25,498	34,319	76,051	17,467	23,193	35,391
259	Furniture and fixtures, nec.....	48,857	15,666	9,121	24,070	50,751	16,136	8,651	25,964
2591	Venetian blinds and shades....	32,156	12,534	3,705	15,917	33,087	12,765	3,877	16,445
2599	Furniture and fixtures, nec...	16,701	3,132	5,416	8,153	17,664	3,371	4,774	9,519

See footnotes at end of table.

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957-Continued

Code	Industry group and industry	Value of inventories at end of ¹ -							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
26	Paper and allied products...	1,440,728	429,190	155,149	856,389	1,441,122	401,617	150,603	888,902
2611	Pulp mills.....	52,249	14,064	2,802	35,383	57,493	14,703	3,132	39,658
2621	Paper mills, except building....	398,140	84,383	32,952	280,805	400,570	76,316	30,275	293,979
2631	Paperboard mills.....	130,022	28,557	5,140	96,325	121,856	24,583	4,736	92,537
264	Paper and paperboard products...	402,283	156,517	44,223	201,543	407,644	149,182	46,232	212,230
2641	Paper coating and glazing.....	97,400	35,500	13,730	48,170	100,012	35,356	13,596	51,060
2642	Envelopes.....	31,758	9,676	3,086	18,996	32,388	9,677	3,144	19,567
2643	Bags, except textile bags.....	102,662	34,553	6,301	61,808	104,474	32,245	6,159	66,070
2644	Wallpaper.....	9,169	6,635	577	1,957	9,563	6,625	836	2,102
2645	Die cut paper and board.....	29,923	7,533	2,790	19,600	34,793	7,173	4,443	23,177
2646	Pressed and molded pulp goods.	8,990	5,922	282	2,786	7,941	4,727	281	2,933
2649	Paper and board products, nec.	122,381	56,698	17,457	48,226	118,473	53,349	17,773	47,321
265	Paperboard containers and boxes.	417,916	134,029	66,499	217,388	417,600	127,209	63,062	227,329
2651	Folding paperboard boxes.....	107,636	47,514	27,714	32,408	103,818	44,949	27,055	31,814
2652	Set-up paperboard boxes.....	24,240	8,783	4,273	11,184	24,589	8,623	4,336	11,630
2653	Corrugated shipping containers	159,213	23,199	21,921	114,093	164,732	21,697	20,009	123,026
2654	Sanitary food containers.....	109,444	51,104	9,699	48,641	106,192	48,542	8,689	48,961
2655	Fiber cans, tubes, drums, etc.	17,383	3,429	2,892	11,062	18,269	3,398	2,973	11,898
2661	Building paper and board mills..	40,118	11,640	3,533	24,945	35,959	9,624	3,166	23,169
27	Printing and publishing.....	1,168,068	312,281	251,439	604,348	1,160,370	309,264	251,627	599,479
2711	Newspapers.....	131,186	5,890	1,804	123,492	136,313	7,873	1,807	126,633
2721	Periodicals.....	94,289	17,345	13,187	63,757	99,242	17,865	12,949	68,428
273	Books.....	240,120	144,989	58,638	36,493	244,905	145,404	60,989	38,512
2731	Books, publishing and printing	204,781	133,875	46,380	24,526	210,417	134,593	48,869	26,955
2732	Book printing.....	35,339	11,114	12,258	11,967	34,488	10,811	12,120	11,557
2741	Miscellaneous publishing.....	21,012	9,421	4,234	7,357	21,182	9,240	4,694	7,248
275	Commercial printing.....	519,585	86,644	124,099	308,842	496,893	82,726	121,374	292,793
2751	Printing: letterpress.....	233,592	38,100	57,038	138,454	212,679	35,584	55,258	121,837
2752	Printing: lithographic.....	277,531	47,895	63,616	166,020	276,064	46,524	63,077	166,463
2753	Engraving and plate printing..	8,462	649	3,445	4,368	8,150	618	3,039	4,493
2761	Manifold business forms.....	43,294	8,871	10,112	24,311	43,107	9,464	9,997	23,646
2771	Greeting cards.....	53,216	22,997	20,243	9,976	50,757	19,979	19,628	11,150
278	Bookbinding and related work....	45,555	14,023	12,741	18,791	48,992	15,004	13,933	20,055
2782	Blankbooks; looseleaf binders.	32,845	11,178	7,556	14,111	35,810	12,068	8,241	15,501
2789	Bookbinding and related work..	12,710	2,845	5,185	4,680	13,182	2,936	5,692	4,554
279	Printing trades services.....	19,811	2,101	6,381	11,329	18,979	1,709	6,256	11,014
2791	Typesetting.....	9,709	986	4,344	4,379	8,976	817	4,270	3,889
2793	Photoengraving.....	6,797	605	1,732	4,460	6,774	482	1,741	4,551
2794	Electrotyping and stereotyping	3,305	510	305	2,490	3,229	410	245	2,574
28	Chemicals & allied products.	3,001,693	1,384,440	431,196	1,186,057	3,072,360	1,400,991	453,501	1,217,868
281	Basic chemicals.....	1,010,746	449,082	169,648	392,016	1,053,126	455,819	177,807	419,500
2812	Alkalies and chlorine.....	60,822	19,133	4,532	37,157	60,712	18,783	4,747	37,182
2813	Industrial gases.....	13,473	9,451	48	3,974	13,334	9,192	33	4,109
2814	Cyclic (coal tar) crudes.....	16,587	8,356	2,543	5,688	17,240	9,281	2,397	5,562
2815	Intermediate coal tar products	152,833	69,310	37,742	45,781	161,450	73,530	39,187	48,733
2816	Inorganic pigments.....	82,140	32,339	7,502	42,299	94,800	42,982	6,712	45,106
2818	Organic chemicals, nec.....	404,005	203,284	75,606	125,115	419,336	201,764	79,228	138,344
2819	Inorganic chemicals, nec.....	280,886	107,209	41,675	132,002	286,254	100,287	45,503	140,464
282	Fibers, plastics, rubbers.....	437,191	220,655	55,603	160,933	459,838	236,041	54,736	169,061
2821	Plastics materials.....	226,694	116,526	26,027	84,141	228,685	118,681	25,606	84,398
2822	Synthetic rubber.....	53,797	35,978	2,541	15,278	52,400	33,467	2,564	16,369
2823	Cellulosic man-made fibers....	108,074	45,658	17,543	44,873	123,101	56,814	16,590	49,697
2824	Organic fibers, noncellulosic.	48,626	22,493	9,492	16,641	55,652	27,079	9,976	18,597
283	Drugs.....	440,832	154,963	109,498	176,371	447,512	152,560	119,063	175,889
2831	Biological products.....	15,035	6,527	3,740	4,768	14,683	6,496	3,724	4,463
2833	Medicinals and botanicals.....	59,980	24,041	16,393	19,546	55,683	21,852	16,116	17,715
2834	Pharmaceutical preparations...	365,817	124,395	89,365	152,057	377,146	124,212	99,223	153,711
284	Cleaning and toilet goods.....	356,474	168,776	30,429	157,269	358,278	167,377	35,428	155,473
2841	Soap and other detergents.....	160,235	77,993	16,948	65,294	157,417	74,721	20,793	61,903
2842	Polishes and sanitation goods.	63,106	31,950	3,872	27,284	61,802	30,758	4,506	26,538
2843	Surface active agents.....	16,044	8,528	1,291	6,225	16,852	9,263	1,442	6,147
2844	Toilet preparations.....	117,089	50,305	8,318	58,466	122,207	52,635	8,687	60,885

See footnotes at end of table.

MANUFACTURERS—SUMMARY STATISTICS

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957—Continued

Code	Industry group and industry	Value of inventories at end of ¹ —							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
	Chemicals and allied products—Continued								
285	Paints and varnishes.....	280,414	148,111	19,343	112,960	277,897	147,466	18,915	111,516
2851	Paints and varnishes.....	276,117	146,807	19,113	110,197	273,537	146,219	18,704	108,614
2852	Putty and calking compounds.....	4,297	1,304	230	2,763	4,360	1,247	211	2,902
2861	Gum and wood chemicals.....	31,260	15,814	2,226	13,220	28,437	14,063	1,592	12,782
287	Agricultural chemicals.....	232,192	125,388	23,311	83,493	228,798	124,636	23,497	80,665
2871	Fertilizers.....	98,740	49,395	14,404	34,941	99,259	50,288	14,614	34,357
2872	Fertilizers, mixing only.....	70,999	38,776	7,699	24,524	68,585	38,741	7,185	22,659
2873	Agricultural pesticides.....	62,453	37,217	1,208	24,028	60,954	35,607	1,698	23,649
289	Other chemical products.....	212,584	101,651	21,138	89,795	218,474	103,029	22,463	92,982
2891	Glue and gelatin.....	39,842	20,727	2,991	16,124	38,633	20,145	3,144	15,344
2892	Explosives.....	26,006	11,590	2,938	11,478	29,973	12,672	3,427	13,874
2893	Printing ink.....	25,058	9,222	1,407	14,429	26,046	9,459	1,454	15,133
2894	Fatty acids.....	11,470	5,360	3,386	2,724	12,590	6,313	3,396	2,881
2895	Carbon black.....	19,473	15,813	...	3,660	19,488	15,460	100	3,928
2899	Chemical preparations, nec...	90,735	38,939	10,416	41,380	91,744	38,980	10,942	41,822
29	Petroleum and coal products....	1,675,873	923,350	385,138	367,385	1,884,253	1,062,247	415,808	406,198
2911	Petroleum refining.....	1,572,935	876,817	380,313	315,805	1,783,646	1,016,727	410,612	356,307
295	Paving and roofing materials...	46,580	23,917	1,932	20,731	46,708	23,248	1,950	21,510
2951	Paving mixtures and blocks...	9,132	4,026	492	4,614	8,950	4,319	378	4,253
2952	Asphalt felts and coatings...	37,448	19,891	1,440	16,117	37,758	18,929	1,572	17,257
299	Petroleum and coal products, nec	56,358	22,616	2,893	30,849	53,899	22,272	3,246	28,381
2992	Lubricating oils and greases.	36,775	18,477	2,719	15,579	37,827	18,969	2,999	15,859
2999	Petroleum & coal products, nec	19,583	4,139	174	15,270	16,072	3,303	247	12,522
30	Rubber and plastics products, nec	927,552	480,395	147,782	299,375	956,842	483,241	151,334	322,267
3011	Tires and inner tubes.....	371,807	227,329	45,226	99,252	400,465	233,088	50,604	116,773
3021	Rubber footwear.....	49,082	36,235	4,339	8,508	47,899	34,183	4,507	9,209
3031	Reclaimed rubber.....	5,770	3,002	559	2,209	5,713	2,775	588	2,350
3069	Fabricated rubber products, nec	265,054	120,169	52,308	92,577	277,641	126,643	52,533	98,465
3079	Plastics products, nec.....	235,839	93,660	45,350	96,829	225,124	86,552	43,102	95,470
31	Leather and leather products.	530,906	189,857	136,246	204,803	529,104	193,762	132,439	202,903
3111	Leather tanning and finishing..	149,344	47,041	60,307	41,996	149,719	50,921	58,822	39,976
3121	Industrial leather belting.....	13,064	6,217	4,518	2,329	13,294	5,993	4,567	2,734
3131	Footwear cut stock.....	26,248	9,287	4,993	11,968	25,323	9,419	4,496	11,408
314	Footwear, except rubber.....	257,295	92,275	50,837	114,183	253,706	91,333	49,082	113,291
3141	Footwear, except rubber.....	246,765	88,217	49,242	109,306	242,981	87,197	47,550	108,234
3142	House slippers.....	10,530	4,058	1,595	4,877	10,725	4,136	1,532	5,057
3151	Leather gloves.....	9,451	4,114	2,143	3,194	11,167	5,053	2,058	4,056
3161	Luggage.....	28,187	11,608	3,720	12,859	27,345	11,296	3,992	12,057
317	Purses and small leather goods.	38,959	15,445	8,590	14,924	39,846	15,700	8,260	15,886
3171	Handbags and purses.....	19,992	7,971	4,282	7,739	20,295	8,165	4,335	7,795
3172	Small leather goods.....	18,967	7,474	4,308	7,185	19,551	7,535	3,925	8,091
3199	Leather goods, nec.....	8,358	3,870	1,138	3,350	8,704	4,047	1,162	3,495
32	Stone, clay and glass products.	1,231,147	615,957	150,391	464,799	1,262,959	618,920	155,355	488,684
3211	Flat glass.....	55,162	12,745	10,015	32,402	64,852	18,797	9,297	36,758
322	Pressed and blown glassware....	169,824	111,576	9,759	48,489	171,418	110,608	10,051	50,759
3221	Glass containers.....	106,920	75,611	1,227	30,082	103,232	71,036	998	31,198
3229	Pressed and blown glass, nec....	62,904	35,965	8,532	18,407	68,186	39,572	9,053	19,561
3231	Products of purchased glass....	59,663	27,438	11,708	20,517	60,070	28,156	11,464	20,450
3241	Cement, hydraulic.....	166,615	57,414	22,943	86,258	165,476	53,419	21,352	90,705
325	Structural clay products.....	133,001	86,047	12,701	34,253	134,999	87,578	13,048	34,373
3251	Brick and structural tile.....	42,794	31,678	3,833	7,283	41,921	31,569	4,351	6,001
3253	Ceramic wall and floor tile....	24,102	15,395	3,227	5,480	22,805	14,158	3,060	5,587
3255	Clay refractories.....	46,350	24,571	3,105	18,674	49,753	26,458	3,183	20,112
3259	Structural clay products, nec..	19,755	14,403	2,536	2,816	20,520	15,393	2,454	2,673
326	Pottery and related products...	69,300	32,309	13,453	23,538	73,759	36,209	13,170	24,380
3261	Vitreous plumbing fixtures.....	24,476	12,925	2,885	8,666	27,320	16,095	2,312	8,913
3262	Vitreous china food utensils...	11,741	5,681	3,329	2,731	12,151	5,619	3,724	2,808
3263	Earthenware food utensils.....	10,795	5,812	1,602	3,381	11,876	6,397	1,763	3,716
3264	Porcelain electrical supplies..	13,914	3,476	4,716	5,722	14,730	4,023	4,556	6,151
3269	Pottery products, nec.....	8,374	4,415	921	3,038	7,677	4,075	815	2,792

See footnotes at end of table.

MANUFACTURERS' INVENTORIES

4-7

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957-Continued

Code	Industry group and industry	Value of inventories at end of ¹ —							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
	Stone, clay and glass products—Continued								
327	Concrete and plaster products...	252,626	150,911	13,367	88,348	248,846	145,230	15,082	88,534
3271	Concrete block and brick.....	46,581	37,386	1,103	8,092	45,502	36,290	1,181	8,031
3272	Concrete products.....	109,820	73,960	7,282	28,578	108,011	68,931	8,951	30,129
3273	Ready-mixed concrete.....	59,794	31,372	1,566	26,856	57,944	31,877	1,340	24,727
3274	Lime.....	12,040	2,390	2,052	7,598	12,362	2,432	1,847	8,083
3275	Gypsum products.....	24,391	5,803	1,364	17,224	25,027	5,700	1,763	17,564
3281	Cut stone and stone products....	29,945	11,672	8,535	9,738	30,179	12,356	8,005	9,818
329	Nonmetallic minerals, nec.....	295,011	125,845	47,910	121,256	313,360	126,567	53,886	132,907
3291	Abrasive products.....	95,018	40,137	20,789	34,092	99,318	38,955	23,858	36,505
3292	Asbestos products.....	70,924	35,879	9,905	25,140	75,159	36,269	10,542	28,348
3293	Gaskets and insulations.....	30,201	12,821	5,776	11,604	32,016	12,627	6,374	13,015
3295	Minerals: Ground or treated..	23,091	7,791	4,867	10,433	26,904	8,062	6,474	12,368
3296	Mineral wool.....	21,299	8,664	913	11,722	21,925	8,360	1,053	12,512
3297	Nonclay refractories.....	46,144	18,021	4,070	24,053	49,173	19,773	3,874	25,526
3299	Nonmetallic minerals, nec.....	8,334	2,532	1,590	4,212	8,865	2,521	1,711	4,633
33	Primary metal industries.....	5,450,503	1,409,728	1,571,173	2,469,602	5,370,848	1,337,928	1,506,794	2,526,126
331	Steel rolling and finishing.....	3,446,252	810,968	814,135	1,821,149	3,376,300	753,016	752,795	1,870,489
3312	Blast furnaces and steel mills	2,997,192	667,348	714,685	1,615,159	2,915,623	621,659	648,717	1,645,247
3313	Electrometallurgical products.	130,822	53,400	25,381	52,041	134,090	51,680	25,834	56,576
3315	Steel wire drawing.....	90,033	42,301	17,603	30,129	86,196	35,313	19,963	30,920
3316	Cold finishing of steel shapes	91,270	18,344	19,931	52,995	89,128	18,382	17,706	53,040
3317	Steel pipe and tubes.....	136,935	29,575	36,535	70,825	151,263	25,982	40,575	84,706
332	Iron and steel foundries.....	277,468	80,902	66,208	130,358	302,354	82,376	74,859	145,119
3321	Gray iron foundries.....	159,823	61,901	18,996	78,926	170,030	61,742	20,402	87,886
3322	Malleable iron foundries.....	24,912	5,946	7,766	11,200	25,524	6,349	7,518	11,657
3323	Steel foundries.....	92,733	13,055	39,446	40,232	106,800	14,285	46,939	45,576
333	Primary nonferrous metal.....	405,440	159,240	158,356	87,844	417,255	165,360	158,269	93,626
3331	Primary copper.....	148,296	43,741	92,302	12,253	151,741	55,039	84,569	12,133
3332	Primary lead.....	66,461	36,143	23,224	7,094	54,834	18,309	29,161	7,364
3333	Primary zinc.....	61,987	27,095	11,813	23,079	58,576	22,202	13,849	22,525
3334	Primary aluminum.....	111,293	44,526	24,726	42,041	127,784	57,998	24,482	45,304
3339	Primary nonferrous metals, nec	17,403	7,735	6,291	3,377	24,320	11,812	6,208	6,300
3341	Secondary nonferrous metals.....	105,253	48,600	29,191	27,462	95,809	50,472	22,481	22,856
335	Nonferrous rolling and drawing..	955,175	273,441	414,321	267,413	884,592	245,791	398,185	240,616
3351	Copper rolling and drawing....	182,298	43,690	71,545	67,063	161,012	36,970	67,170	56,872
3352	Aluminum rolling and drawing....	341,526	72,322	185,116	84,088	295,680	53,130	172,233	70,317
3356	Rolling and drawing, nec.....	149,050	55,351	57,817	35,882	156,543	54,014	64,195	38,334
3357	Nonferrous wire drawing, nec..	282,301	102,078	99,843	80,380	271,357	101,677	94,587	75,093
336	Nonferrous foundries.....	92,673	18,054	30,214	44,405	93,175	19,212	27,113	46,850
3361	Aluminum castings.....	43,628	6,513	16,221	20,894	43,640	7,089	13,440	23,111
3362	Brass, bronze, copper castings	25,991	7,028	6,285	12,678	24,793	7,409	5,506	11,878
3369	Nonferrous castings, nec.....	23,054	4,513	7,708	10,833	24,742	4,714	8,167	11,861
339	Primary metal industries, nec...	168,242	18,523	58,748	90,971	201,363	21,701	73,092	106,570
3391	Iron and steel forgings.....	132,962	11,433	43,077	78,452	157,398	14,190	52,033	91,175
3392	Nonferrous forgings.....	20,878	702	12,570	7,606	29,162	1,275	17,385	10,502
3399	Primary metal industries, nec.	14,402	6,388	3,101	4,913	14,803	6,236	3,674	4,893
34	Fabricated metal products.....	3,534,046	936,312	1,106,131	1,491,603	3,768,211	988,129	1,190,398	1,589,684
3411	Metal cans.....	335,636	89,757	90,199	155,680	297,267	85,987	79,770	131,510
342	Cutlery, hand tools, hardware...	389,334	126,901	138,270	124,163	417,701	127,775	147,233	142,693
3421	Cutlery.....	37,969	12,901	9,873	15,195	40,291	14,723	9,866	15,702
3423	Edge tools.....	101,204	37,192	35,217	28,795	107,878	42,118	34,952	30,808
3425	Hand saws and saw blades.....	20,644	7,996	5,493	7,155	23,212	8,952	5,706	8,554
3429	Hardware, nec.....	229,517	68,812	87,687	73,018	246,320	61,982	96,709	87,629
343	Plumbing and nonelectric heating	264,801	112,340	52,385	100,076	274,329	121,002	52,518	100,809
3431	Plumbing fixtures.....	39,042	18,390	6,777	13,875	40,460	19,260	7,017	14,183
3432	Plumbing fittings, brass goods	44,785	17,562	15,060	12,163	43,732	16,013	14,845	12,874
3433	Nonelectric heating equipment.	180,974	76,388	30,548	74,038	190,137	85,729	30,656	73,752
344	Structural metal products.....	1,288,004	202,504	513,821	571,679	1,446,279	209,212	594,709	642,358
3441	Fabricated structural steel...	465,550	24,851	238,365	202,334	558,699	29,633	295,374	233,692
3442	Metal doors, sash, and trim...	161,784	42,522	37,318	81,944	161,871	43,318	34,061	84,492
3443	Boiler shop products.....	363,547	54,289	164,164	145,094	434,078	57,004	198,059	179,015
3444	Sheet metal work.....	148,450	37,384	35,977	75,089	140,019	32,746	32,750	74,523
3449	Miscellaneous metal work, nec.	148,673	43,458	37,997	67,218	151,612	46,511	34,465	70,636

See footnotes at end of table.

MANUFACTURERS-SUMMARY STATISTICS

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957-Continued

Code	Industry group and industry	Value of inventories at end of ¹ -							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
	Fabricated metal products-Continued								
345	Screw machine products & bolts.	236,872	97,521	44,216	95,135	245,383	105,400	41,353	98,630
3451	Screw machine products.....	48,733	12,414	15,575	20,744	48,444	13,664	14,352	20,428
3452	Bolts,nuts,washers, & rivets.	188,139	85,107	28,641	74,391	196,939	91,736	27,001	78,202
3461	Metal stampings.....	315,047	78,864	82,620	153,563	332,231	85,275	87,011	159,945
347	Metal services, nec.....	44,911	5,398	6,634	32,879	40,614	5,298	5,122	30,194
3471	Plating and polishing.....	23,511	2,715	1,767	19,029	21,290	2,616	1,090	17,584
3479	Metal coating,engraving,etc..	21,400	2,683	4,867	13,850	19,324	2,682	4,032	12,610
3481	Fabricated wire products, nec..	140,195	51,058	25,802	63,335	154,043	59,776	26,086	68,181
349	Fabricated metal products,nec	519,246	171,969	152,184	195,093	560,364	188,404	156,596	215,364
3491	Metal barrels, drums & pails.	44,707	4,242	5,380	35,085	46,540	4,307	6,285	35,948
3492	Safes and vaults.....	10,666	3,158	3,126	4,382	11,518	3,724	3,299	4,495
3493	Steel springs.....	21,518	3,653	6,249	11,616	24,202	3,548	7,105	13,549
3494	Valves and pipe fittings.....	284,488	112,449	100,824	71,215	311,103	130,904	101,405	78,794
3496	Collapseable tubes.....	3,925	930	585	2,410	4,204	955	820	2,429
3497	Metal foil and leaf.....	12,496	3,876	2,800	5,820	13,201	4,346	2,134	6,721
3498	Fabricated pipe & fittings...	82,260	23,430	19,520	39,310	86,953	21,779	20,868	44,306
3499	Fabricated metal products,nec	59,186	20,231	13,700	25,255	62,643	18,841	14,680	29,122
35	Machinery, except electrical.....	5,397,018	1,668,930	2,269,817	1,458,271	5,973,626	1,813,501	2,544,063	1,616,061
351	Engines and turbines.....	466,696	96,460	283,331	86,905	532,362	101,538	322,347	108,477
3511	Steam engines and turbines...	236,009	32,548	159,159	44,302	283,354	33,593	190,114	59,647
3519	Internal combustion engines...	230,687	63,912	124,172	42,603	249,008	67,945	132,233	48,830
3522	Farm machinery and equipment...	516,026	186,765	161,369	167,892	547,002	200,648	163,107	183,247
353	Construction & like equipment..	1,087,971	368,289	345,267	374,415	1,222,258	405,420	393,929	422,908
3531	Construction machinery.....	577,256	174,581	200,750	201,925	649,069	210,376	215,901	222,792
3532	Mining machinery & equipment.	106,047	50,546	29,615	25,886	121,428	49,245	39,978	32,205
3533	Oil field machines & equipment	174,017	84,904	36,029	53,084	192,319	86,197	41,362	64,760
3534	Elevators & moving stairways.	48,433	14,004	14,500	19,929	45,967	12,428	11,506	22,032
3535	Conveyors.....	63,107	15,796	17,795	29,516	74,782	17,047	22,387	35,348
3536	Hoists,cranes, and monorails.	43,732	5,886	18,968	18,878	54,419	6,698	24,635	23,086
3537	Industrial trucks & tractors.	75,379	22,572	27,610	25,197	84,274	23,429	38,160	22,685
354	Metalworking machinery.....	737,320	213,243	354,791	169,286	867,245	238,422	435,810	193,013
3541	Metal-cutting machine tools..	231,831	65,599	121,492	44,740	283,764	72,551	155,677	55,536
3542	Metal-forming machine tools..	103,717	26,597	44,930	32,190	120,435	30,504	52,516	37,415
3544	Special dies and tools.....	97,134	12,727	55,929	28,478	101,712	14,176	59,926	27,610
3545	Machine tool accessories.....	147,094	60,505	53,154	33,435	171,968	70,245	63,148	38,575
3548	Metalworking machinery, nec..	157,544	47,815	79,286	30,443	189,366	50,946	104,543	33,877
355	Special industry machinery.....	656,240	218,559	255,533	182,148	738,781	230,653	315,939	192,189
3551	Food products machinery.....	119,368	43,744	36,989	38,635	118,992	43,400	39,049	36,543
3552	Textile machinery.....	99,155	28,921	36,852	33,382	112,334	30,415	43,317	38,602
3553	Woodworking machinery.....	50,962	19,866	18,572	12,524	64,209	27,888	23,460	12,861
3554	Paper industries machinery...	85,561	8,649	57,110	19,802	118,222	9,358	87,212	21,652
3555	Printing trades machinery....	97,008	35,225	40,472	21,311	106,418	36,737	48,174	21,507
3559	Special industry machinery, nec.....	204,186	82,154	65,538	56,494	218,606	82,855	74,727	61,024
356	General industrial machinery...	749,072	238,462	310,491	200,119	835,660	270,169	339,578	225,913
3561	Pumps and compressors.....	267,001	99,372	105,790	61,839	313,242	109,178	132,779	71,285
3562	Ball and roller bearings.....	156,863	45,402	68,992	42,469	171,527	53,632	71,344	46,551
3564	Blowers and fans.....	51,180	11,900	18,350	20,930	59,587	13,068	22,115	24,404
3565	Industrial patterns.....	6,144	541	2,539	3,064	5,025	528	2,061	2,436
3566	Power transmission equipment.	133,627	53,044	46,868	33,715	153,831	61,235	53,791	38,805
3567	Industrial furnaces & ovens..	30,264	3,800	12,101	14,363	39,130	4,739	17,733	16,658
3569	General industry machinery, nec.....	103,993	24,403	55,851	23,739	93,318	27,789	39,755	25,774
357	Office machines, nec.....	528,217	118,588	357,951	51,678	545,811	107,381	366,772	71,658
3571	Computing & related machines.	379,409	73,939	277,827	27,643	392,156	60,840	285,076	46,240
3572	Typewriters.....	64,368	12,871	43,513	7,984	66,862	14,098	43,891	8,873
3576	Scales and balances.....	17,244	5,031	6,218	5,995	19,846	5,037	7,578	7,231
3579	Office machines, nec.....	67,196	26,747	30,393	10,056	66,947	27,406	30,227	9,314
358	Service industry machines.....	426,800	163,813	118,434	144,553	467,072	195,568	122,183	149,321
3581	Automatic vending machines...	29,833	9,630	10,145	10,058	32,003	9,773	10,343	11,887
3582	Commercial laundry equipment.	30,517	10,985	6,959	12,573	31,440	12,631	5,174	13,635
3584	Vacuum cleaners, industrial..	2,210	630	564	1,016	2,303	593	520	1,190
3585	Refrigeration machinery.....	290,691	122,786	71,130	96,775	327,329	153,275	77,280	96,774
3586	Measuring & dispensing pumps.	28,492	8,318	12,867	7,307	29,377	9,015	12,714	7,648
3589	Service industry machines,nec	45,057	11,464	16,769	16,824	44,620	10,281	16,152	18,187
3599	Machine Shops.....	228,676	64,751	82,650	81,275	217,435	63,702	84,398	69,335

See footnotes at end of table.

MANUFACTURERS' INVENTORIES

4-9

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957—Continued

Code	Industry group and industry	Value of inventories at end of ¹ —							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
36	Electrical machinery.....	3,383,126	969,583	1,429,108	984,433	3,707,146	1,135,539	1,489,245	1,082,361
361	Electric distribution products.	433,301	111,484	182,760	139,057	521,748	146,185	219,718	155,844
3611	Electric measuring instruments	153,159	33,423	72,237	47,499	173,899	40,480	84,118	49,301
3612	Transformers.....	115,768	37,399	39,098	39,271	145,564	48,771	48,911	47,882
3613	Switchgear and switchboards..	164,374	40,662	71,425	52,287	202,285	56,934	86,690	58,661
362	Electric industrial apparatus..	486,673	127,425	205,902	153,347	540,810	139,511	225,564	175,735
3621	Motors and generators.....	272,452	70,255	120,816	81,382	320,771	81,702	143,295	95,774
3622	Industrial controls.....	70,118	21,721	27,099	21,298	80,496	24,356	30,720	25,420
3623	Welding apparatus.....	51,729	18,891	12,233	20,605	54,889	18,544	12,391	23,954
3624	Carbon and graphite products.	46,864	7,188	29,978	9,698	39,758	6,120	24,498	9,140
3629	Electric industrial goods, nec	45,510	9,370	15,776	20,364	44,896	8,789	14,660	21,447
363	Household appliances.....	543,877	242,975	149,123	151,781	597,444	299,118	132,647	165,679
3631	Household cooking equipment..	61,403	26,072	12,201	23,130	60,717	24,733	12,351	23,633
3632	Household refrigerators.....	140,478	71,004	30,747	38,727	170,947	104,304	28,794	37,849
3633	Household laundry equipment..	118,459	45,181	46,451	26,829	111,465	49,432	29,461	32,573
3634	Electric housewares and fans.	100,977	49,467	23,376	28,134	118,066	62,708	23,087	32,271
3635	Household vacuum cleaners....	16,713	6,288	6,294	4,131	19,236	9,219	5,844	4,173
3636	Sewing machines.....	49,202	24,879	17,319	7,004	53,931	27,531	17,393	9,007
3639	Household appliances, nec....	56,645	20,084	12,735	23,826	63,082	21,191	15,718	26,173
364	Lighting and wiring devices....	332,708	137,318	91,606	103,784	364,986	164,688	93,119	107,179
3641	Electric lamps.....	51,047	39,151	1,659	10,237	63,313	49,924	1,746	11,643
3642	Lighting fixtures.....	116,252	37,729	35,578	42,945	127,133	42,469	40,145	44,519
3643	Current carrying devices.....	84,475	24,947	35,118	24,410	87,155	30,785	31,848	24,522
3644	Noncurrent carrying devices..	80,934	35,491	19,251	26,192	87,385	41,510	19,380	26,495
365	Radio, TV, receiving equipment.	246,267	103,208	56,387	86,672	264,713	116,450	57,838	90,425
3651	Radio and TV receiving sets..	225,931	91,403	53,212	81,316	247,740	107,402	54,952	85,386
3652	Phonograph records.....	20,336	11,805	3,175	5,356	16,973	9,048	2,886	5,039
366	Communication equipment.....	760,207	79,564	525,338	155,305	824,669	84,789	553,155	186,725
3661	Telephone; telegraph apparatus	288,902	15,235	230,900	42,767	316,104	13,051	247,440	55,613
3662	Radio, TV communication equipment.....	471,305	64,329	294,438	112,538	508,565	71,738	305,715	131,112
367	Electronic components.....	378,202	106,447	142,438	129,317	367,655	106,561	130,501	130,593
3671	Electron tubes, receiving type	44,619	24,054	10,492	10,073	50,640	28,674	10,339	11,127
3672	Cathode ray picture tubes....	17,456	11,361	1,640	4,455	18,144	11,287	1,522	5,335
3673	Electron tubes, transmitting.	59,883	20,813	21,770	17,300	64,154	19,192	25,393	19,569
3679	Electronic components, nec....	256,244	50,219	108,536	97,489	234,717	47,408	93,247	94,062
369	Electrical products, nec.....	201,885	61,162	75,554	65,170	225,121	78,237	76,703	70,181
3691	Storage batteries.....	52,112	16,265	22,213	13,634	62,209	23,824	21,792	16,593
3692	Primary batteries, dry & wet.	22,058	7,222	6,974	7,862	25,047	10,518	6,944	7,585
3693	X-ray & therapeutic apparatus	21,918	7,365	7,904	6,649	24,237	7,960	8,220	8,057
3694	Engine electrical equipment..	83,400	23,810	35,029	24,561	91,660	26,800	36,874	27,986
3699	Electrical products, nec....	22,397	6,500	3,434	12,464	21,968	9,135	2,873	9,960
37	Transportation equipment...	6,357,752	639,962	4,104,098	1,613,692	7,011,192	718,216	4,358,619	1,934,357
371	Motor vehicles and equipment...	1,921,535	330,358	808,028	783,149	2,140,286	362,059	869,651	908,576
3713	Truck and bus bodies.....	61,164	11,921	22,497	26,746	61,135	11,281	21,624	28,230
3715	Truck trailers.....	80,166	7,338	11,969	60,859	76,146	7,970	8,662	59,514
3717	Motor vehicles and parts.....	1,780,205	311,099	773,562	695,544	2,003,005	342,808	839,365	820,832
372	Aircraft and parts.....	3,704,695	237,909	2,807,517	659,269	4,020,005	274,360	2,930,493	815,152
3721	Aircraft.....	2,476,890	41,045	2,077,375	358,470	2,470,424	38,596	1,966,729	465,099
3722	Aircraft engines and parts...	570,811	135,122	260,933	174,756	778,764	156,248	417,127	205,389
3723	Aircraft propellers and parts	47,175	21,162	19,893	6,120	63,440	25,695	31,687	6,058
3729	Aircraft equipment, nec.....	609,819	40,580	449,316	119,923	707,377	53,821	514,950	138,606
373	Ships and boats.....	483,046	29,549	367,529	85,968	462,589	27,533	333,947	101,109
3731	Ship building and repairing..	408,006	6,748	341,740	59,518	394,125	5,617	314,376	74,132
3732	Boat building and repairing..	75,040	22,801	25,789	26,450	68,464	21,916	19,571	26,977
374	Railroad equipment.....	164,203	18,663	101,155	44,385	305,064	27,942	206,394	70,728
3741	Locomotives and parts.....	68,559	10,484	51,521	6,554	100,796	17,552	75,153	8,091
3742	Railroad and street cars.....	95,644	8,179	49,634	37,831	204,268	10,390	131,241	62,637
3751	Motorcycles, bicycles, & parts.	21,981	4,282	9,766	7,933	21,718	4,847	9,497	7,374
379	Transportation equipment, nec..	62,292	19,201	10,103	32,988	61,530	21,475	8,637	31,418
3791	Trailer coaches.....	47,410	14,181	6,345	26,884	47,518	16,571	5,254	25,693
3799	Transportation equipment, nec.	14,882	5,020	3,758	6,104	14,012	4,904	3,383	5,725
38	Instruments & related products	983,847	237,344	499,708	246,795	999,786	240,758	501,799	257,229
3811	Scientific instruments.....	245,412	18,956	186,309	40,147	237,815	17,544	177,674	42,597
382	Mechanical measuring devices...	257,460	62,037	122,673	72,750	263,670	61,120	127,402	75,148
3821	Mechanical measuring devices.	181,379	37,862	84,759	58,758	190,689	38,879	90,868	60,942
3822	Automatic temperature controls	76,081	24,175	37,914	13,992	72,981	22,241	36,534	14,206
3831	Optical instruments and lenses.	22,003	6,406	11,496	4,101	20,201	5,476	12,326	2,399
384	Medical instruments & supplies.	127,348	47,538	38,822	40,988	127,478	48,961	36,761	41,756
3841	Surgical & medical instruments	30,558	10,818	10,506	9,234	26,911	9,426	8,278	9,207
3842	Surgical appliances & supplies	70,358	28,272	15,689	26,397	74,514	31,569	16,221	26,724
3843	Dental equipment and supplies	26,432	8,448	12,627	5,357	26,053	7,966	12,262	5,825

See footnotes at end of table.

MANUFACTURERS-SUMMARY STATISTICS

Value of Manufacturers' Inventories for Industry Groups and Industries: End of 1958 and 1957-Continued

Code	Industry group and industry	Value of inventories at end of ¹ -							
		1958				1957			
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.
	Instruments and related products-Continued								
3851	Ophthalmic goods.....	59,602	25,587	23,614	10,401	58,103	23,427	21,514	13,162
3861	Photographic equipment.....	204,202	59,798	80,452	63,952	208,594	62,677	81,400	64,517
387	Watches and clocks.....	67,820	17,022	36,342	14,456	83,925	21,553	44,722	17,650
3871	Watches and clocks.....	60,514	16,000	32,134	12,380	74,671	20,177	39,442	15,052
3872	Watchcases.....	7,306	1,022	4,208	2,076	9,254	1,376	5,280	2,598
39	Miscellaneous manufacturing	^r 1,596,164	^r 392,960	^r 668,146	^r 535,059	^r 1,582,476	^r 403,294	^r 594,709	^r 584,473
391	Jewelry and silverware.....	140,638	60,305	43,972	36,362	151,377	68,810	37,797	44,770
3911	Jewelry, precious metal.....	70,463	33,785	17,387	19,291	79,435	35,182	16,187	28,066
3912	Jewelers' findings & materials	12,978	4,416	4,441	4,122	12,759	4,744	4,134	3,882
3913	Lapidary work.....	9,545	6,619	1,445	1,481	10,944	7,794	1,240	1,910
3914	Silverware and plated ware...	47,652	15,485	20,699	11,468	48,238	21,090	16,236	10,912
3931	Musical instruments and parts..	45,552	9,475	21,288	14,789	48,102	10,747	21,495	15,860
394	Toys and sporting goods.....	230,245	99,428	52,810	78,007	229,971	94,638	48,756	86,577
3941	Games and toys, nec.....	79,612	37,149	16,401	26,062	76,613	35,116	15,412	26,085
3942	Dolls.....	12,651	4,669	3,015	4,967	12,581	4,559	2,806	5,216
3943	Children's vehicles.....	10,370	3,192	2,301	4,877	10,417	3,490	2,253	4,674
3949	Sporting & athletic goods, nec.	127,612	54,418	31,093	42,101	130,360	51,473	28,285	50,602
395	Office supplies.....	75,906	24,371	20,353	31,182	78,512	25,278	22,015	31,219
3951	Pens and mechanical pencils...	26,198	6,933	10,315	8,950	28,223	7,108	12,210	8,905
3952	Lead pencils and art goods...	21,980	9,182	4,014	8,784	22,554	9,732	4,951	7,871
3953	Marking devices.....	5,870	1,929	941	3,000	5,862	1,917	920	3,025
3955	Carbon paper & inked ribbons.	21,858	6,327	5,083	10,448	21,873	6,521	3,934	11,418
396	Costume jewelry and notions....	91,510	35,896	23,425	32,189	90,912	37,026	21,110	32,776
3961	Costume jewelry.....	35,234	12,116	7,883	15,235	34,187	13,154	6,574	14,459
3962	Artificial flowers.....	7,644	2,943	947	3,754	7,580	2,719	1,025	3,836
3963	Buttons.....	11,259	5,868	2,365	3,026	11,516	5,888	2,369	3,259
3964	Needles, pins, and fasteners.	37,373	14,969	12,230	10,174	37,629	15,265	11,142	11,222
398	Miscellaneous manufactures.....	^r 1,012,313	^r 163,485	^r 306,298	^r 342,530	^r 983,602	^r 166,795	^r 443,536	^r 373,271
399									
190									
3981	Brooms and brushes.....	62,755	28,942	6,343	27,470	65,047	29,570	6,868	28,609
3982	Hard surface floor coverings...	40,105	24,624	7,960	7,521	42,186	26,085	7,800	8,301
3983	Matches.....	10,132	3,923	1,840	4,369	9,598	2,893	1,780	4,925
3984	Candles.....	5,203	3,013	367	1,823	5,910	3,451	380	2,079
3987	Lamp shades.....	3,443	1,193	474	1,776	3,839	1,355	519	1,965
3988	Morticians' goods.....	40,331	11,554	9,620	19,157	38,533	11,077	9,084	18,372
3992	Furs, dressed and dyed.....	1,786	434	849	503	1,567	407	642	518
3993	Signs and advertising displays.	48,246	9,736	15,972	22,538	43,497	9,054	13,433	21,010
3995	Umbrellas, parasols and canes..	4,442	1,604	1,393	1,445	3,894	1,063	1,272	1,559
3999	Miscellaneous products, nec....	75,477	31,636	23,461	20,380	72,717	21,931	24,137	26,649
1911	Guns, howitzers and mortars....	612	218	99	295	2,604	247	101	2,256
1921	Artillery ammunition.....	11,858	^r 254	3,785	7,819	17,854	^r 550	4,793	12,511
1922	Ammunition loading.....	^r 176	...	^r 176	...	^r 97	...	^r 97	...
1925	Complete guided missiles.....	^r 311,342	5,138	^r 251,756	^r 54,448	^r 250,207	9,998	^r 181,245	^r 58,964
1929	Ammunition, nec.....	23,996	3,235	4,621	16,140	28,860	3,669	2,626	22,565
1931	Tanks and tank components.....	29,373	590	17,497	11,286	29,912	663	22,222	7,027
1941	Sighting and fire control equipment.....	160,016	12,559	120,976	26,481	155,704	11,260	118,617	25,827
1951	Small arms, 30 mm and under....	35,715	11,063	17,495	7,157	45,009	14,646	21,572	8,791
1961	Small arms ammunition.....	130,255	12,707	9,641	107,907	147,829	17,748	13,641	116,440
1999	Ordnance and accessories, nec..	^r 17,050	^r 1,062	^r 11,974	^r 4,014	^r 18,738	^r 1,128	^r 12,708	^r 4,902

Note: Figures may not add to the totals because of independent rounding.

¹In 1958, establishments that reported on the short form (generally those with less than six employees) were asked to show only their total beginning and end of year inventories. The totals were prorated on the basic averages of establishments in the industry that reported detailed inventory by type.

²Includes privately owned and/or operated establishments classified in Major Industry Group 19, "Ordnance and Accessories." (Establishments which are Government-owned and operated are not included.)

^rRevised.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-1

EXPENDITURES FOR PLANT AND EQUIPMENT

5-3

Table 1.—Manufacturers' Expenditures for Plant and Equipment: 1958 and Earlier Years

(Money figures in thousands of dollars. For explanation of column captions see Introduction)

Year ¹	Expenditures for new plant and equipment							Expenditures for used plant and equipment	Number of employees (average for the year) ³	Value added by manu- facture ⁴	Indexes of change for data in columns-- 1954 = 100					
	Total	Establishments in operation		Establishments under construction ²			(h)				(i)	(j)	(a)	(i)	(j)	
		Total	Struc- tures and additions to plant	Machinery and equipment	Total	Struc- tures and additions to plant										Machinery and equipment
(a)	(b)	(c)	(d)	(e)	(f)	(g)										
1958.....	9,572,965	9,075,759	3,009,401	6,066,358	497,206	250,996	246,210	520,927	15,393,766	141,270,297	117	98	121			
1957 ⁵	12,143,965	11,408,069	3,477,622	7,930,447	735,896	387,173	348,623	(NA)	16,621,140	147,838,425	148	106	126			
1956 ⁵	11,233,177	10,737,861	3,209,658	7,528,203	495,316	261,830	233,486	(NA)	16,694,433	144,909,346	137	107	124			
1955 ⁵	8,233,138	7,853,494	2,184,267	5,669,227	379,644	241,226	138,418	(NA)	16,335,526	135,022,505	100	104	115			
1954.....	8,200,739	7,816,752	2,250,222	5,566,530	383,987	208,740	175,247	381,358	15,645,491	117,032,326	100	100	100			
1953 ⁵	8,047,892	7,541,606	2,321,377	5,220,229	506,286	263,962	242,324	(NA)	16,693,076	121,659,136	98	107	104			
1952 ⁵	7,833,369	7,525,923	2,385,164	5,140,759	357,446	193,953	163,493	(NA)	15,732,722	109,162,079	96	101	93			
1951 ⁵	7,781,731	7,205,059	2,267,124	4,937,935	576,672	326,096	250,576	(NA)	15,309,638	102,085,814	95	98	87			
1950 ⁵	(NA)	5,041,299	1,399,730	3,641,569	(NA)	(NA)	(NA)	(NA)	14,467,149	89,749,765	xxx	xxx	xxx			
1949 ⁵	(NA)	5,066,941	1,567,238	3,499,703	(NA)	(NA)	(NA)	(NA)	13,566,949	75,366,527	xxx	xxx	xxx			
1947 ⁶	(NA)	5,998,099	2,122,143	3,875,956	(NA)	(NA)	(NA)	623,156	14,293,963	74,290,475	xxx	xxx	xxx			

NA Not available.

¹The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed Concrete, and establishments classified in Industry 3599, Machine Shops, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1947-1957. The 1954-1958 figures include data for establishments engaged in the processing and distribution of fluid milk, Industry Group 202, Dairy Products. These establishments were not included in the figures for earlier years. In addition, the 1958 and 1954 Census and the 1955-1957 Annual Survey figures include data for Logging Camps and Contractors, Industry 2411, which were not included within the scope of the 1947 Census and 1949-1953 Annual Survey years.

²The figures presented for establishments under construction are based on reports received from the 1,700 largest manufacturing companies and from a sample of all other companies covered in the Census. The standard errors for the published totals that include the sample estimates are as follows:

Year	Standard error (percent)	Year	Standard error (percent)
1958.....	5	1954.....	2
1957.....	1	1953.....	4
1956.....	11	1952.....	3
1955.....	6	1951.....	1

The percentage standard errors shown in this table indicate the range of differences that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

³Represents employment at operating manufacturing establishments. Figures for administrative and auxiliary units are not included.

⁴For the period 1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.

⁵The expenditures figures for establishments in operation 1949-1953 and 1955-1957 are estimates derived from a sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates do not exceed 1 percent. See footnote 2 above for additional information.

⁶In 1947, very small establishments that accounted for approximately 1.6% of the total value added by manufacture did not report expenditure data and are not represented in the 1947 figures. See 1947 Census of Manufactures, Volume I, Chapter VI, for a measure of undercoverage by industry.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Manufacturers' Expenditures for Plant and Equipment, by Major Industry Group: 1958

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	All establishments			Establishments in operation			Establishments under construction ¹			Expenditures for used plant and equipment
		Total new expenditures	New structures and additions to plant	New machinery and equipment	Total new expenditures	New structures and additions to plant	New machinery and equipment	Total new expenditures	New structures and additions to plant	New machinery and equipment	
	All industries, total.....	9,572,965	3,260,397	6,312,568	9,075,759	3,009,401	6,066,358	497,206	250,996	246,210	520,927
20	Food and kindred products.....	1,005,071	307,990	697,081	964,624	286,576	678,048	40,447	21,414	19,033	44,902
21	Tobacco products.....	38,069	7,476	30,593	38,069	7,476	30,593	(D)	(D)	(D)	877
22	Textile mill products.....	212,342	37,839	174,503	211,744	37,354	174,390	598	(2)	(2)	34,568
23	Apparel and related products.....	89,450	25,450	64,000	89,450	25,450	64,000	(D)	(D)	(D)	8,088
24	Lumber and wood products.....	279,082	91,768	187,314	276,893	91,016	185,877	2,189	752	1,437	20,848
25	Furniture and fixtures.....	81,746	30,442	51,304	81,746	30,442	51,304	(D)	(D)	(D)	7,193
26	Paper and allied products.....	650,451	160,013	490,438	618,488	137,910	480,578	31,963	22,103	9,860	19,817
27	Printing and publishing.....	420,905	143,204	277,701	408,610	136,145	272,465	12,295	7,059	5,236	28,221
28	Chemicals and allied products.....	1,266,958	335,244	931,714	1,115,806	274,903	840,903	151,152	60,341	90,811	22,138
29	Petroleum and coal products.....	671,926	585,294	146,632	671,926	525,294	146,632	(D)	(D)	(D)	2,590
30	Rubber and plastics products, nec.	196,896	43,264	153,632	196,896	43,264	153,632	...	...	...	6,210
31	Leather and leather products.....	31,736	7,085	24,651	31,736	7,085	24,651	(D)	(D)	(D)	3,995
32	Stone, clay, and glass products...	488,209	140,605	347,604	442,286	124,773	317,513	45,923	15,832	30,091	19,995
33	Primary metal industries.....	1,545,716	585,231	960,485	1,427,619	527,975	899,644	118,097	57,256	60,841	29,897
34	Fabricated metal products.....	465,990	148,187	317,803	458,397	144,859	313,538	7,593	3,328	4,265	45,144
35	Machinery, except electrical.....	694,996	210,765	484,231	676,419	198,319	478,100	18,577	12,446	6,131	66,798
36	Electrical machinery.....	463,161	154,056	309,105	449,925	142,430	307,495	13,236	11,626	1,610	54,800
37	Transportation equipment.....	608,273	166,423	441,850	608,273	166,423	441,850	(D)	(D)	(D)	83,881
38	Instruments and related products..	123,621	39,809	83,812	123,621	39,809	83,812	...	...	...	9,255
39	Miscellaneous manufacturing ³	183,231	61,908	121,322	183,231	61,908	121,322	(D)	(D)	(D)	11,710

Note: Detailed figures may not add to totals for reasons indicated in the disclosure statement.

D Withheld to avoid disclosure of data for individual companies. Where the symbol (D) appears for an industry group under the heading, "Establishments under construction," the withheld data have been excluded from the comparable expenditure figure for all establishments in that industry group. They are, however, included in "All industries" totals for "Establishments under construction" and for "All establishments."

¹The figures presented for establishments under construction are based on reports received from the 1,700 largest manufacturing companies and from a sample of all other companies covered in the Census. The standard errors for the published totals that include the sample estimates are as follows:

Major group code	Standard error of total expenditures (percent) for establishments under construction	Major group code	Standard error of total expenditures (percent) for establishments under construction
All industries, total.....	25	32.....	6
22.....	5	33.....	5
24.....	22	35.....	26
26.....	16	36.....	15
28.....	14		

The percentage standard errors shown indicate the range of differences that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Less than \$500 thousand.

³Includes privately owned and/or operated establishments classified in Major Industry Group 19, "Ordnance and Accessories." Establishments which are Government-owned and operated are not included.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-5

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation,
by Industry Group and Industry: 1958 and 1954

(In thousands of dollars. For explanation of column captions see Introduction.)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
	United States, total.....	9,075,759	3,009,401	6,066,358	520,927	37,816,752	32,250,222	35,566,530	3381,358
20	Food and kindred products.....	964,624	286,576	678,048	44,902	4787,649	4229,601	4558,048	448,668
201	Meat products.....	104,736	39,927	64,809	3,447	491,362	434,217	457,145	44,634
2011	Meat packing plants.....	63,129	23,702	39,427	2,145	64,976	24,900	40,076	1,616
2013	Prepared meats.....	17,028	7,407	9,621	858	415,617	45,762	49,855	42,180
2015	Poultry dressing plants.....	24,579	8,818	15,761	(⁵)	(*)	(*)	(*)	(*)
202	Dairy products.....	200,971	59,251	141,740	7,836	163,123	32,616	130,507	8,982
2021	Creamery butter.....	15,309	3,984	11,325	519	13,566	2,437	11,128	1,022
2022	Natural cheese.....	(NA)	5,247	7,637	(⁵)	(*)	(*)	(*)	(*)
2023	Condensed and evaporated milk.....	12,746	3,338	9,408	(⁵)	(*)	(*)	(*)	(*)
2024	Ice cream and frozen desserts.....	26,057	5,083	20,974	1,156	25,733	4,255	21,478	2,721
2025	Special dairy products.....	1,509	709	800	(⁵)	(*)	(*)	(*)	(*)
2026	Fluid milk.....	132,466	40,890	91,596	5,904	498,910	419,830	479,079	44,579
203	Canned and frozen foods.....	100,197	34,404	65,793	5,653	475,727	424,853	450,874	49,188
2031	Canned and cured seafoods.....	2,524	649	1,875	(⁵)	2,729	959	1,770	(⁵)
2032	Canned specialties.....	16,409	6,380	10,029	(⁵)	(*)	(*)	(*)	(*)
2033	Canned fruits and vegetables.....	40,131	12,778	27,353	2,486	(*)	(*)	(*)	(*)
2034	Dehydrated fruits and vegetables.....	6,686	2,242	4,444	547	3,421	1,462	1,958	(⁵)
2035	Pickles and sauces.....	11,197	5,528	5,669	(⁵)	(*)	(*)	(*)	(*)
2036	Fresh or frozen packaged fish.....	3,637	1,389	2,248	834	2,813	841	1,971	1,884
2037	Frozen fruits and vegetables.....	19,613	5,438	14,175	527	(*)	(*)	(*)	(*)
204	Grain mill products.....	112,597	33,988	78,609	7,250	81,737	26,696	55,042	5,331
2041	Flour and meal.....	22,109	7,849	14,260	(⁵)	15,240	6,278	8,962	708
2042	Prepared animal feeds.....	54,863	18,831	36,032	6,366	36,812	13,429	23,383	3,551
2043	Cereal preparations.....	7,521	2,215	5,306	(⁵)	4,403	627	3,776	(⁵)
2044	Rice milling.....	1,442	491	951	(⁵)	3,538	1,605	1,932	(⁵)
2045	Blended and prepared flour.....	8,606	1,186	7,420	(⁵)	5,353	1,452	3,901	982
2046	Wet corn milling.....	18,056	3,416	14,640	(⁵)	16,391	3,302	13,088	(⁵)
205	Bakery products.....	114,742	27,109	87,633	3,692	89,630	17,547	72,083	9,691
2051	Bread and related products.....	99,240	24,311	74,929	3,160	75,725	14,970	60,755	8,934
2052	Biscuit and crackers.....	15,502	2,798	12,704	532	(*)	(*)	(*)	(*)
206	Sugar.....	34,114	6,135	27,979	(⁵)	19,123	4,074	15,048	(⁵)
2061	Raw cane sugar.....	1,815	(⁵)	1,630	(⁵)	2,659	814	1,845	(⁵)
2062	Cane sugar refining.....	24,329	5,171	19,158	(⁵)	10,553	2,005	8,548	(⁵)
2063	Beet sugar.....	7,970	779	7,191	(⁵)	5,910	1,255	4,655	(⁵)
207	Candy and related products.....	32,080	8,476	23,604	730	21,272	6,475	14,797	2,003
2071	Confectionery products.....	24,730	7,214	17,516	688	13,399	3,251	10,148	1,589
2072	Chocolate and cocoa products.....	4,129	917	3,212	(⁵)	3,636	1,345	2,291	(⁵)
2073	Chewing gum.....	3,221	(⁵)	2,876	(⁵)	4,235	1,877	2,358	(⁵)
208	Beverages.....	150,915	42,088	108,827	11,024	183,243	65,691	117,553	6,523
2082	Malt liquors.....	62,395	19,435	42,960	6,333	114,534	45,996	68,537	1,789
2083	Malt.....	3,131	1,269	1,862	(⁵)	3,257	1,414	1,843	(⁵)
2084	Wines and brandy.....	6,526	2,586	3,940	(⁵)	2,216	(⁵)	1,745	(⁵)
2085	Distilled liquor except brandy.....	9,908	2,992	6,916	(⁵)	8,863	2,687	6,176	1,147
2086	Bottled and canned soft drinks.....	63,440	14,395	49,045	3,845	47,731	13,055	34,675	2,576
2087	Flavorings.....	5,515	1,411	4,104	(⁵)	6,642	2,065	4,577	503
209	Fats and oils.....	114,272	35,198	79,074	4,846	(*)	(*)	(*)	(*)
2091	Cottonseed oil mills.....	6,605	1,721	4,884	(⁵)	11,680	3,954	7,726	(⁵)
2092	Soybean oil mills.....	14,668	5,045	9,623	(⁵)	8,479	3,685	4,794	(⁵)
2093	Vegetable oil mills, nec.....	2,032	598	1,434	(⁵)	3,781	794	2,987	(⁵)
2094	Grease and tallow.....	9,375	2,226	7,149	(⁵)	8,138	1,671	6,467	573
2095	Animal oils, nec.....	3,370	(⁵)	3,033	(⁵)	4,544	973	3,571	(⁵)
2096	Shortening and cooking oils.....	12,389	1,886	10,503	1,077	12,449	3,383	9,036	(⁵)
2097	Manufactured ice.....	6,368	3,395	2,973	1,191	7,761	3,290	4,471	763
2098	Macaroni and spaghetti.....	5,274	1,566	3,708	(⁵)	2,469	510	1,959	(⁵)
2099	Food preparations, nec.....	54,191	18,424	35,767	954	(*)	(*)	(*)	(*)
21	Tobacco products.....	38,069	7,476	30,593	877	28,018	5,010	23,008	876
2111	Cigarettes.....	20,490	3,243	17,247	506	20,362	3,054	17,308	630
2121	Cigars.....	6,015	622	5,393	(⁵)	2,884	(⁵)	2,426	(⁵)
2131	Chewing and smoking tobacco.....	1,079	(⁵)	933	(⁵)	1,205	(⁵)	992	(⁵)
2141	Tobacco stemming and redrying.....	10,485	3,465	7,020	(⁵)	3,566	1,284	2,282	(⁵)
22	Textile mill products.....	211,744	37,354	174,390	34,568	4219,562	443,409	4176,153	433,180
2211	Weaving mills, cotton.....	48,441	6,775	41,666	7,775	55,200	9,397	45,802	9,844
2221	Weaving mills, synthetics.....	15,043	2,091	12,952	3,429	12,995	2,626	10,369	4,396
2231	Weaving, finishing mills, wool.....	9,702	1,849	7,853	3,525	413,021	43,218	49,802	42,816
2241	Narrow fabric mills.....	6,307	1,859	4,448	691	4,802	1,176	3,626	513

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
22	Textile mill products—Continued								
225	Knitting mills.....	43,618	7,282	36,336	6,484	39,982	5,632	34,350	7,040
2251	Full-fashioned hosiery mills.....	6,098	619	5,479	1,750	7,698	937	6,761	2,610
2252	Seamless hosiery mills.....	13,519	1,682	11,837	2,780	12,986	1,727	11,259	1,882
2253	Knit outerwear mills.....	11,155	1,259	9,896	1,206	9,853	1,011	8,842	1,025
2254	Knit underwear mills.....	5,459	2,390	3,069	(⁵)	2,982	1,011	1,969	556
2256	Knit fabric mills.....	7,132	1,302	5,830	573	6,214	867	5,347	910
2259	Knitting mills, nec.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
226	Textile finishing, except wool.....	21,386	3,823	17,573	3,524	21,900	4,495	17,405	1,897
2261	Finishing plants, cotton.....	15,662	2,884	12,788	2,155	(*)	(*)	(*)	(*)
2262	Finishing plants, synthetics.....	3,607	739	2,868	1,131	(*)	(*)	(*)	(*)
2269	Finishing plants, nec.....	2,115	(⁵)	1,917	(⁵)	(*)	(*)	(*)	(*)
227	Floor covering mills.....	14,527	4,197	10,330	1,006	(*)	(*)	(*)	(*)
2271	Woven carpets and rugs.....	5,854	1,315	4,539	(⁵)	(*)	(*)	(*)	(*)
2272	Tufted carpets and rugs.....	8,007	2,723	5,284	841	(*)	(*)	(*)	(*)
2279	Carpets and rugs, nec.....	666	(⁵)	507	(⁵)	(*)	(*)	(*)	(*)
228	Yarn and thread mills.....	25,597	3,602	21,995	6,503	(*)	(*)	(*)	(*)
2281	Yarn mills, except wool.....	15,507	1,715	13,792	2,705	(*)	(*)	(*)	(*)
2282	Throwing and winding mills.....	3,164	(⁵)	2,746	710	(*)	(*)	(*)	(*)
2283	Wool yarn mills.....	5,149	1,011	4,138	3,032	(*)	(*)	(*)	(*)
2284	Thread mills.....	1,777	(⁵)	1,319	(⁵)	8,543	3,610	4,933	(⁵)
229	Miscellaneous textile goods.....	27,123	5,876	21,247	1,631	(*)	(*)	(*)	(*)
2291	Felt goods, nec.....	1,099	(⁵)	935	(⁵)	1,623	(⁵)	1,380	(⁵)
2292	Lace goods.....	1,194	(⁵)	1,078	(⁵)	1,941	(⁵)	1,764	(⁵)
2293	Padding and upholstery filling.....	2,372	873	1,499	(⁵)	3,485	935	2,549	(⁵)
2294	Processed textile waste.....	929	(⁵)	558	(⁵)	1,513	549	963	(⁵)
2295	Coated fabrics, not rubberized.....	8,576	2,174	6,402	(⁵)	4,117	969	3,148	(⁵)
2296	Tire cord and fabric.....	6,029	1,030	4,999	(⁵)	(*)	(*)	(*)	(*)
2297	Scouring and combing plants.....	1,275	(⁵)	1,136	(⁵)	2,391	(⁵)	1,929	738
2298	Cordage and twine.....	1,632	(⁵)	1,142	(⁵)	2,614	589	2,024	(⁵)
2299	Textile goods, nec.....	4,017	519	3,498	(⁵)	(*)	(*)	(*)	(*)
23	Apparel and related products.....	89,450	25,450	64,000	8,088	476,552	422,504	454,048	414,774
2311	Men's and boys' suits and coats.....	4,906	1,297	3,609	(⁵)	3,466	855	2,609	(⁵)
232	Men's and boys' furnishings.....	16,960	4,757	12,203	1,072	416,684	44,405	412,279	4978
2321	Men's dress shirts and nightwear.....	5,687	1,441	4,246	(⁵)	6,370	1,478	4,892	(⁵)
2322	Men's and boys' underwear.....	908	(⁵)	(⁵)	(⁵)	1,168	(⁵)	1,038	(⁵)
2323	Men's and boys' neckwear.....	584	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2327	Separate trousers.....	3,970	1,092	2,878	(⁵)	2,776	666	2,110	(⁵)
2328	Work clothing.....	3,452	869	2,583	(⁵)	(*)	(*)	(*)	(*)
2329	Men's and boys' clothing, nec.....	2,359	616	1,743	(⁵)	(*)	(*)	(*)	(*)
233	Women's and misses' outerwear.....	22,257	6,744	15,513	2,175	15,499	3,335	12,164	2,025
2331	Blouses.....	2,277	(⁵)	1,909	(⁵)	(*)	(*)	(*)	(*)
2335	Dresses.....	9,436	1,735	7,701	653	(*)	(*)	(*)	(*)
2337	Women's suits, coats and skirts.....	6,984	3,393	3,591	(⁵)	3,621	738	2,880	703
2339	Women's outerwear, nec.....	3,560	1,248	2,312	950	(*)	(*)	(*)	(*)
234	Women's undergarments.....	5,143	2,233	5,910	678	8,432	1,509	6,923	533
2341	Women's and children's underwear.....	5,404	1,552	3,852	569	5,431	836	4,595	(⁵)
2342	Corsets and allied garments.....	2,739	681	2,058	(⁵)	3,001	673	2,328	(⁵)
235	Millinery, hats and caps.....	2,446	(⁵)	2,027	(⁵)	1,480	(NA)	(NA)	(NA)
2351	Millinery.....	1,371	(⁵)	1,128	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2352	Hats and caps.....	1,075	(⁵)	899	(⁵)	1,042	(NA)	(NA)	(NA)
236	Children's outerwear.....	5,014	840	4,174	(⁵)	3,844	806	3,038	(⁵)
2361	Children's dresses.....	1,847	(⁵)	1,480	(⁵)	41,451	(⁵)	41,087	(⁵)
2363	Children's coats.....	783	(⁵)	684	(⁵)	574	(⁵)	(⁵)	(⁵)
2369	Children's outerwear, nec.....	2,384	(⁵)	2,010	(⁵)	41,818	(⁵)	41,495	(⁵)
2371	Fur goods.....	2,644	(⁵)	2,244	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
238	Miscellaneous apparel.....	3,644	689	2,955	511	4,091	1,422	2,669	(⁵)
2381	Fabric dress and work gloves.....	556	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2384	Robes and dressing gowns.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2385	Waterproof outer garments.....	958	(⁵)	879	(⁵)	844	(⁵)	(⁵)	(⁵)
2386	Leather and sheep-lined clothing.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2387	Apparel belts.....	816	(⁵)	644	(⁵)	658	(⁵)	521	(⁵)
2389	Apparel, nec.....	517	(⁵)	(⁵)	(⁵)	(*)	(*)	(*)	(*)
239	Fabricated textiles, nec.....	23,436	8,071	15,365	2,573	423,586	410,026	413,560	410,228
2391	Curtains and draperies.....	1,861	865	996	(⁵)	1,208	(⁵)	735	(⁵)
2392	Housefurnishings, nec.....	6,072	2,073	3,999	(⁵)	4,363	1,856	2,507	(⁵)
2393	Textile bags.....	1,512	(⁵)	1,143	(⁵)	3,941	1,543	2,398	(⁵)
2394	Canvas products.....	1,848	755	1,093	(⁵)	1,285	(⁵)	961	(⁵)
2397	Schiffli machine embroideries.....	3,593	751	2,842	658	1,016	(⁵)	874	(⁵)
2398	Trimings and stitchings.....	5,769	2,005	3,764	1,054	(*)	(*)	(*)	(*)
2399	Textile products, nec.....	2,781	1,253	1,528	(⁵)	(*)	(*)	(*)	(*)

See footnotes at end of table.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-7

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
24	Lumber and wood products.....	276,893	91,016	185,877	20,848	217,361	59,023	158,338	19,424
2411	Logging camps and contractors.....	67,904	14,152	53,752	3,823	48,632	5,201	43,431	3,771
242	Sawmills and planing mills.....	138,696	54,690	84,006	9,231	⁴ 120,128	⁴ 39,307	⁴ 80,821	⁴ 10,519
2421	Sawmills and planing mills.....	129,369	51,967	77,402	8,297	(*)	(*)	(*)	(*)
2426	Hardwood dimension and flooring.....	7,645	2,120	5,525	659	(*)	(*)	(*)	(*)
2429	Special product sawmills, nec.....	1,682	603	1,079	(⁵)	(*)	(*)	(*)	(*)
243	Millwork and related products.....	46,292	13,735	32,557	5,130	(*)	(*)	(*)	(*)
2431	Millwork plants.....	16,498	6,421	10,077	1,584	(*)	(*)	(*)	(*)
2432	Veneer and plywood plants.....	25,376	5,519	19,857	3,043	⁴ 14,339	⁴ 3,385	⁴ 10,954	⁴ 1,700
2433	Prefabricated wood products.....	4,418	1,795	2,623	503	3,681	1,648	2,033	(⁵)
244	Wooden containers.....	6,332	2,093	4,239	1,227	⁴ 8,124	⁴ 2,257	⁴ 5,867	⁴ 941
2441	Nailed wooden boxes and shook.....	3,406	1,196	2,210	762	(*)	(*)	(*)	(*)
2442	Wirebound boxes and crates.....	1,209	(⁵)	1,045	(⁵)	(*)	(*)	(*)	(*)
2443	Veneer and plywood containers.....	579	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2445	Cooperage.....	1,138	534	604	(⁵)	973	(⁵)	583	(⁵)
249	Miscellaneous wood products.....	17,669	6,346	11,323	1,472	(*)	(*)	(*)	(*)
2491	Wood preserving.....	3,661	868	2,793	(⁵)	4,700	1,470	3,230	(⁵)
2499	Wood products, nec.....	14,008	5,478	8,530	1,185	(*)	(*)	(*)	(*)
25	Furniture and fixtures.....	81,746	30,442	51,304	7,193	⁴ 61,945	⁴ 22,477	⁴ 39,468	⁴ 5,186
251	Household furniture.....	51,071	18,589	32,482	5,008	40,284	14,866	25,418	2,530
2511	Wood furniture not upholstered.....	26,234	10,837	15,397	1,942	17,161	5,363	11,798	1,231
2512	Wood furniture, upholstered.....	11,124	3,939	7,185	949	(*)	(*)	(*)	(*)
2514	Metal household furniture.....	5,694	1,579	4,115	750	8,720	2,938	5,782	(⁵)
2515	Mattresses and bedsprings.....	7,333	1,773	5,560	1,364	(*)	(*)	(*)	(*)
2519	Household furniture, nec.....	686	(⁵)	(⁵)	(⁵)	2,161	2,045	(⁵)	(⁵)
252	Office furniture.....	6,093	1,718	4,375	(⁵)	5,350	1,907	3,443	(⁵)
2521	Wood office furniture.....	840	(⁵)	506	(⁵)	615	(⁵)	(⁵)	(⁵)
2522	Metal office furniture.....	5,253	1,384	3,869	(⁵)	4,734	1,612	3,122	(⁵)
2531	Public building furniture.....	4,941	1,937	3,004	587	3,781	1,315	2,465	(⁵)
254	Partitions and fixtures.....	13,644	5,281	8,363	939	7,031	2,872	4,159	621
259	Furniture and fixtures, nec.....	5,997	2,917	3,080	⁵ 307	(*)	(*)	(*)	(*)
2591	Venetian blinds and shades.....	3,306	1,447	1,859	(⁵)	2,697	777	1,920	1,397
2599	Furniture and fixtures, nec.....	2,691	1,470	1,221	(⁵)	(*)	(*)	(*)	(*)
26	Paper and allied products.....	618,488	137,910	480,578	19,817	532,723	129,799	402,924	11,429
2611	Pulp mills.....	42,991	9,075	33,916	(⁵)	(⁶)	(⁶)	(⁶)	(⁶)
2621	Paper mills, except building.....	256,479	54,964	201,515	2,451	(⁶)	(⁶)	(⁶)	(⁶)
2631	Paperboard mills.....	102,100	16,505	85,595	2,594	(⁶)	(⁶)	(⁶)	(⁶)
264	Paper and paperboard products.....	75,940	16,310	59,630	7,606	(⁶)	(⁶)	(⁶)	(⁶)
2641	Paper coating and glazing.....	16,837	3,198	13,639	820	⁴ 15,240	⁴ 2,297	⁴ 12,943	(⁵)
2642	Envelopes.....	6,430	822	5,608	666	6,942	5,312	1,630	1,206
2643	Bags, except textile bags.....	17,747	2,817	14,930	2,496	18,901	6,654	12,247	848
2644	Wallpaper.....	(⁵)	(⁵)	(⁵)	(⁵)	526	(⁵)	(⁵)	(⁵)
2645	Die cut paper and board.....	5,836	1,048	4,788	(⁵)	6,424	2,405	4,019	(⁵)
2646	Pressed and molded pulp goods.....	2,170	(⁵)	1,786	(⁵)	3,215	(⁵)	2,962	(⁵)
2649	Paper and board products, nec.....	26,504	7,958	18,546	3,231	(*)	(*)	(*)	(*)
265	Paperboard containers and boxes.....	117,821	36,889	80,932	6,940	(⁶)	(⁶)	(⁶)	(⁶)
2651	Folding paperboard boxes.....	22,333	5,864	16,469	1,768	⁴ 60,490	⁴ 17,751	⁴ 42,739	⁴ 3,432
2652	Set-up paperboard boxes.....	5,930	1,423	4,507	(⁵)				
2653	Corrugated shipping containers.....	46,348	13,520	32,828	3,133				
2654	Sanitary food containers.....	35,112	15,263	19,849	1,367	(*)	(*)	(*)	(*)
2655	Fiber cans, tubes, drums, etc.....	8,098	819	7,279	(⁵)	⁴ 3,408	⁴ 559	⁴ 2,849	(⁵)
2661	Building paper and board mills.....	23,167	4,167	19,031	(⁵)	(⁶)	(⁶)	(⁶)	(⁶)
27	Printing and publishing.....	408,610	136,145	272,465	28,221	236,897	59,436	177,461	19,146
2711	Newspapers.....	139,871	65,521	74,350	7,494	75,536	23,132	52,404	8,875
2721	Periodicals.....	35,033	13,198	21,835	656	14,542	4,140	10,402	(⁵)
273	Books.....	23,936	8,492	15,444	1,742	14,801	6,988	7,813	(⁵)
2731	Books, publishing and printing.....	13,090	5,699	7,391	610	7,558	4,906	2,652	(⁵)
2732	Book printing.....	10,846	2,793	8,053	1,132	7,243	2,080	5,161	(⁵)
2741	Miscellaneous publishing.....	5,993	1,501	4,492	(⁵)	3,270	905	2,365	(⁵)
275	Commercial printing.....	154,053	37,282	116,771	12,765	(⁶)	(⁶)	(⁶)	(⁶)
2751	Printing: letterpress.....	98,916	26,796	72,120	8,268	(*)	(*)	(*)	(*)
2752	Printing: lithographic.....	51,541	9,904	41,637	4,330	(*)	(*)	(*)	(*)
2753	Engraving and plate printing.....	3,596	582	3,014	(⁵)	⁴ 1,702	(⁵)	⁴ 1,367	(⁵)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation,
by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
27	Printing and publishing--Continued								
2761	Manifold business forms.....	14,755	2,590	12,165	2,385	(⁶)	(⁶)	(⁶)	(⁶)
2771	Greeting cards.....	5,154	1,343	3,811	(⁵)	8,809	6,184	2,625	(⁵)
278	Bookbinding and related work.....	13,426	2,657	10,769	760	(*)	(*)	(*)	(*)
2782	Blankbooks; looseleaf binders.....	6,805	1,602	5,203	(⁵)	(*)	(*)	(*)	(*)
2789	Bookbinding and related work.....	6,621	1,055	5,566	611	4,369	(⁵)	4,094	(⁵)
279	Printing trades services.....	16,389	3,561	12,828	1,986	10,098	890	9,210	528
2791	Typesetting.....	7,181	1,312	5,869	1,012	4,267	(⁵)	3,858	(⁵)
2793	Photoengraving.....	6,992	1,222	5,770	777	3,986	(⁵)	3,620	(⁵)
2794	Electrotyping and stereotyping.....	2,216	1,027	1,189	(⁵)	1,845	(⁵)	1,732	(⁵)
28	Chemicals and allied products.....	1,115,806	274,903	840,903	22,138	4926,610	4223,603	4703,010	424,037
281	Basic chemicals.....	613,426	142,910	470,516	6,193	476,286	102,545	373,739	11,660
2812	Alkalies and chlorine.....	27,871	2,616	25,255	3,369	34,728	7,521	27,207	1,734
2813	Industrial gases.....	41,761	6,764	34,997	(⁵)	19,840	2,431	17,409	(⁵)
2814	Cyclic (coal tar) crudes.....	4,036	1,253	2,783	(⁵)	2,199	1,039	1,160	(⁵)
2815	Intermediate coal tar products.....	73,919	21,239	52,680	(⁵)	72,067	13,533	58,534	(⁵)
2816	Inorganic pigments.....	25,653	8,495	17,158	(⁵)	8,358	1,394	6,964	(⁵)
2818	Organic chemicals, nec.....	310,811	71,208	239,603	933	154,550	38,465	116,085	4,551
2819	Inorganic chemicals, nec.....	129,375	31,335	98,040	1,061	184,544	38,162	146,380	4,736
282	Fibers, plastics, rubbers.....	225,737	42,454	183,283	3,430	184,569	29,963	154,606	3,670
2821	Plastics materials.....	138,601	31,718	106,883	2,144	108,058	19,941	88,117	2,746
2822	Synthetic rubber.....	15,879	2,472	13,407	740	13,760	1,699	12,061	656
2823	Cellulosic man-made fibers.....	42,619	3,973	38,646	543	462,751	48,323	454,428	(⁵)
2824	Organic fibers, noncellulosic.....	28,638	4,291	24,347	(⁵)				
283	Drugs.....	105,083	40,348	64,735	526	55,761	18,823	36,938	1,101
2831	Biological products.....	4,565	3,365	1,200	(⁵)	2,510	1,259	1,251	(⁵)
2833	Medicinals and botanicals.....	33,866	9,212	24,654	(⁵)	12,948	3,000	9,948	(⁵)
2834	Pharmaceutical preparations.....	66,652	27,771	38,881	(⁵)	40,303	14,564	25,739	752
284	Cleaning and toilet goods.....	42,318	12,695	29,623	760	(*)	(*)	(*)	(*)
2841	Soap and other detergents.....	17,795	3,348	14,447	(⁵)	(*)	(*)	(*)	(*)
2842	Polishes and sanitation goods.....	7,082	2,237	4,845	(⁵)	(*)	(*)	(*)	(*)
2843	Surface active agents.....	3,127	545	2,582	(⁵)	(*)	(*)	(*)	(*)
2844	Toilet preparations.....	14,314	6,565	7,749	(⁵)	7,537	2,141	5,396	(⁵)
285	Paints and varnishes.....	30,543	13,576	16,967	5,357	(*)	(*)	(*)	(*)
2851	Paints and varnishes.....	29,395	12,720	16,675	5,325	21,268	8,612	12,656	724
2852	Putty and calking compounds.....	1,148	856	(⁵)	(⁵)	(*)	(*)	(*)	(*)
2861	Gum and wood chemicals.....	4,928	630	4,298	(⁵)	(*)	(*)	(*)	(*)
287	Agricultural chemicals.....	39,929	9,014	30,915	906	(*)	(*)	(*)	(*)
2871	Fertilizers.....	24,276	4,252	20,024	(⁵)	33,762	9,854	23,908	574
2872	Fertilizers, mixing only.....	8,676	3,270	5,406	(⁵)	12,825	5,471	7,354	(⁵)
2873	Agricultural pesticides.....	6,977	1,492	5,485	(⁵)	(*)	(*)	(*)	(*)
2879	Agricultural chemicals, nec.....								
289	Other chemical products.....	53,842	13,276	40,566	4,950	(*)	(*)	(*)	(*)
2891	Glue and gelatin.....	8,077	1,964	6,113	(⁵)	(*)	(*)	(*)	(*)
2892	Explosives.....	9,346	2,146	7,200	(⁵)	17,279	11,418	5,861	2,835
2893	Printing ink.....	4,817	1,851	2,966	(⁵)	46,336	41,385	44,951	(⁵)
2894	Fatty acids.....	3,490	(⁵)	3,158	(⁵)	4,819	1,353	3,466	(⁵)
2895	Carbon black.....	4,612	667	3,945	...	(*)	(*)	(*)	(*)
2899	Chemical preparations, nec.....	23,500	6,316	17,184	4,576	(*)	(*)	(*)	(*)
29	Petroleum and coal products.....	671,926	525,294	146,632	2,590	4673,883	4426,678	4247,205	45,949
2911	Petroleum refining.....	646,909	515,707	131,202	1,591	656,033	421,187	234,846	2,838
295	Paving and roofing materials.....	16,469	4,939	11,530	801	13,155	3,835	9,320	2,887
2951	Paving mixtures and blocks.....	9,856	3,785	6,071	753	5,367	1,571	3,796	759
2952	Asphalt felts and coatings.....	6,613	1,154	5,459	(⁵)	7,787	2,263	5,524	2,128
299	Petroleum and coal products, nec.....	8,548	4,648	3,900	(⁵)	4,694	1,655	3,039	(⁵)
2992	Lubricating oils and greases.....	7,230	3,964	3,266	(⁵)	4,314	1,601	2,713	(⁵)
2999	Petroleum and coal products, nec.....	1,318	684	634	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
30	Rubber and plastics products, nec.....	196,896	43,264	153,632	6,210	4173,721	430,089	4143,632	47,069
3011	Tires and inner tubes.....	72,269	12,596	59,673	1,082	467,430	46,235	461,195	41,541
3021	Rubber footwear.....	3,109	(⁵)	2,648	(⁵)	4,217	575	3,642	(⁵)
3031	Reclaimed rubber.....	964	(⁵)	864	...	2,834	619	2,215	(⁵)
3069	Fabricated rubber products, nec.....	43,603	9,016	34,587	2,179	453,949	411,096	442,853	42,228
3079	Plastics products, nec.....	76,951	21,091	55,860	2,865	445,290	411,563	433,727	43,207

See footnotes at end of table.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-9

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
31	Leather and leather products.....	31,736	7,085	24,651	3,995	428,053	47,962	420,091	41,269
3111	Leather tanning and finishing.....	7,905	1,727	6,178	595	7,123	2,052	5,071	(5)
3121	Industrial leather belting.....	1,233	(5)	1,079	(5)	1,955	509	1,446	(5)
3131	Footwear cut stock.....	2,002	563	1,439	(5)	3,063	1,312	1,751	(5)
314	Footwear, except rubber.....	15,034	3,346	11,688	2,690	12,084	2,904	9,181	698
3141	Footwear, except rubber.....	14,444	3,243	11,201	2,559	11,420	2,786	8,636	(5)
3142	House slippers.....	590	(5)	(5)	(5)	664	(5)	(5)	(5)
3151	Leather gloves.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
3161	Luggage.....	1,504	(5)	1,212	(5)	1,868	4879	4987	(5)
317	Purses and small leather goods.....	2,953	513	2,440	(5)	42,275	(5)	41,899	(5)
3171	Handbags and purses.....	1,575	(5)	1,290	(5)	972	(5)	803	(5)
3172	Small leather goods.....	1,378	(5)	1,150	(5)	41,303	(5)	41,096	(5)
3199	Leather goods, n.e.c.....	842	(5)	(5)	(5)	(*)	(*)	(*)	(*)
32	Stone, clay and glass products.....	442,286	124,773	317,513	19,995	(6)	(6)	(6)	(6)
3211	Flat glass.....	12,057	1,705	10,352	711	30,964	8,233	22,731	(5)
322	Pressed and blown glassware.....	42,418	13,697	28,721	1,076	37,417	11,953	25,464	1,177
3221	Glass containers.....	31,164	10,728	20,436	833	26,542	9,907	16,634	1,111
3229	Pressed and blown glass, n.e.c.....	11,254	2,969	8,285	(5)	10,875	2,045	8,830	(5)
3231	Products of purchased glass.....	16,526	4,983	11,543	1,049	5,590	1,456	4,134	(5)
3241	Cement, hydraulic.....	100,677	26,944	73,733	1,286	73,015	20,492	52,523	1,302
325	Structural clay products.....	32,152	11,599	20,553	1,932	31,561	13,030	18,531	4,028
3251	Brick and structural tile.....	14,023	5,021	9,002	597	16,233	6,293	9,940	579
3253	Ceramic wall and floor tile.....	3,276	1,046	2,230	(5)	(*)	(*)	(*)	(*)
3255	Clay refractories.....	8,094	3,531	4,563	1,152	5,702	2,598	3,104	3,067
3259	Structural clay products, n.e.c.....	6,759	2,001	4,758	(5)	(*)	(*)	(*)	(*)
326	Pottery and related products.....	10,621	3,585	7,036	(5)	10,634	3,978	6,656	(5)
3261	Vitreous plumbing fixtures.....	1,613	647	966	(5)	1,061	(5)	666	(5)
3262	Vitreous china food utensils.....	964	(5)	779	(5)	1,333	(5)	1,275	(5)
3263	Earthenware food utensils.....	517	(5)	(5)	(5)	528	(5)	(5)	(5)
3264	Porcelain electrical supplies.....	4,279	1,374	2,905	(5)	5,357	2,430	2,927	(5)
3269	Pottery products, n.e.c.....	3,248	1,326	1,922	(5)	2,352	1,026	1,329	(5)
327	Concrete and plaster products.....	153,750	45,165	108,585	9,607	(6)	(6)	(6)	(6)
3271	Concrete block and brick.....	22,790	5,585	17,205	960	40,548	8,916	31,632	2,258
3272	Concrete products.....	44,232	14,257	29,975	2,546				
3273	Ready-mixed concrete.....	70,990	21,684	49,306	5,678	(*)	(*)	(*)	(*)
3274	Lime.....	6,362	2,060	4,302	(5)	4,835	1,441	3,394	(5)
3275	Gypsum products.....	9,376	1,579	7,797	(5)	10,227	3,160	7,067	(5)
3281	Cut stone and stone products.....	8,405	2,027	6,378	537	4,296	892	3,404	(5)
329	Nonmetallic minerals, n.e.c.....	65,680	15,068	50,612	3,378	(*)	(*)	(*)	(*)
3291	Abrasive products.....	21,098	6,675	14,423	2,180	9,857	2,011	7,846	(5)
3292	Asbestos products.....	12,837	2,419	10,418	(5)	14,935	3,648	11,287	753
3293	Gaskets and insulations.....	5,699	1,059	4,640	(5)	4,954	1,075	3,878	(5)
3295	Minerals: ground or treated.....	8,848	2,403	6,445	(5)	(*)	(*)	(*)	(*)
3296	Mineral wool.....	10,488	1,580	8,908	(5)	(*)	(*)	(*)	(*)
3297	Nonclay refractories.....	5,516	641	4,875	(5)	(*)	(*)	(*)	(*)
3299	Nonmetallic minerals, n.e.c.....	1,194	(5)	903	(5)	(*)	(*)	(*)	(*)
33	Primary metal industries.....	1,427,619	527,975	899,644	29,897	4918,967	4276,624	4642,343	424,565
331	Steel rolling and finishing.....	1,006,557	394,692	611,865	11,638	(6)	(6)	(6)	(6)
3312	Blast furnaces and steel mills.....	950,056	380,405	569,651	9,674	580,530	193,059	387,471	10,667
3313	Electrometallurgical products.....	16,969	4,138	12,831	(5)	22,313	6,236	16,077	(5)
3315	Steel wire drawing.....	11,980	1,803	10,177	621	(*)	(*)	(*)	(*)
3316	Cold finishing of steel shapes.....	12,419	2,876	9,543	(5)	(6)	(6)	(6)	(6)
3317	Steel pipe and tubes.....	15,133	5,470	9,663	1,111	49,134	41,660	47,474	(5)
332	Iron and steel foundries.....	56,269	13,953	42,316	4,848	76,332	17,862	58,470	2,710
3321	Gray iron foundries.....	32,559	7,374	25,185	2,731	49,939	12,418	37,521	1,701
3322	Malleable iron foundries.....	4,438	585	3,853	(5)	9,966	1,684	8,282	(5)
3323	Steel foundries.....	19,272	5,994	13,278	1,778	16,426	3,759	12,667	529
333	Primary nonferrous metal.....	118,818	44,888	73,930	1,776	56,088	14,747	41,341	(5)
3331	Primary copper.....	15,157	2,326	12,831	(5)	4,265	1,803	2,462	(5)
3332	Primary lead.....	725	(5)	(5)	(5)	1,404	(5)	1,129	(5)
3333	Primary zinc.....	13,445	12,150	1,295	...	5,276	2,621	2,654	(5)
3334	Primary aluminum.....	85,497	28,836	56,661	1,567	26,073	(D)	(D)	(5)
3339	Primary nonferrous metals, n.e.c.....	3,994	1,249	2,745	(5)	19,069	(D)	(D)	(5)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
33	Primary metal industries--Continued								
3341	Secondary nonferrous metals.....	5,355	1,432	3,923	(³)	9,254	3,257	5,998	(³)
335	Nonferrous rolling and drawing.....	196,022	62,543	133,479	4,819	(*)	(*)	(*)	(*)
3351	Copper rolling and drawing.....	30,617	6,370	24,247	(³)	(*)	(*)	(*)	(*)
3352	Aluminum rolling and drawing.....	114,195	42,483	71,712	1,987	(*)	(*)	(*)	(*)
3356	Rolling and drawing, n.e.c.....	14,984	5,034	9,950	745	13,564	2,965	10,598	(³)
3357	Nonferrous wire drawing, etc.....	36,226	8,656	27,570	1,650	(*)	(*)	(*)	(*)
336	Nonferrous foundries.....	22,336	5,337	16,999	3,068	424,779	47,300	417,479	41,313
3361	Aluminum castings.....	12,220	2,390	9,830	1,135	(*)	(*)	(*)	(*)
3362	Brass, bronze, copper castings.....	5,103	1,947	3,156	1,236	(*)	(*)	(*)	(*)
3369	Nonferrous castings, n.e.c.....	5,013	1,000	4,013	697	(*)	(*)	(*)	(*)
339	Primary metal industries, n.e.c.....	22,262	5,130	17,132	3,467	(⁶)	(⁶)	(⁶)	(⁶)
3391	Iron and steel forgings.....	13,513	2,644	10,869	1,549	15,862	4,390	11,472	1,878
3392	Nonferrous forgings.....	3,134	972	2,162	(³)	(⁶)	(⁶)	(⁶)	(⁶)
3399	Primary metal industries, n.e.c.....	5,615	1,514	4,101	1,528	(⁶)	(⁶)	(⁶)	(⁶)
34	Fabricated metal products.....	458,397	144,859	313,538	45,144	444,567	411,746	433,819	436,507
3411	Metal cans.....	52,881	17,464	35,417	2,245	450,093	46,500	443,593	44,158
342	Cutlery, hand tools, hardware.....	37,827	5,885	31,942	5,101	460,796	412,752	448,044	49,175
3421	Cutlery.....	2,370	(³)	2,153	(³)	42,393	4552	41,841	42,478
3423	Edge tools.....	8,588	2,048	6,540	1,125	49,383	43,122	46,261	4822
3425	Hand saws and saw blades.....	1,225	(³)	1,076	(³)	1,582	(³)	1,371	(³)
3429	Hardware, n.e.c.....	25,644	3,471	22,173	3,673	47,436	8,865	38,571	5,710
343	Plumbing and nonelectric heating.....	25,907	6,868	19,039	1,931	(*)	(*)	(*)	(*)
3431	Plumbing fixtures.....	8,928	2,169	6,759	(³)	412,286	43,989	48,297	(³)
3432	Plumbing fittings, brass goods.....	3,564	808	2,756	(³)	(*)	(*)	(*)	(*)
3433	Nonelectric heating equipment.....	13,415	3,891	9,524	1,202	(*)	(*)	(*)	(*)
344	Structural metal products.....	138,129	53,311	84,818	9,518	4102,197	438,598	463,599	44,839
3441	Fabricated structural steel.....	36,789	15,959	20,830	1,728	(⁶)	(⁶)	(⁶)	(⁶)
3442	Metal doors, sash, and trim.....	18,055	5,724	12,331	1,774	(*)	(*)	(*)	(*)
3443	Boiler shop products.....	45,043	18,461	26,582	3,546	(*)	(*)	(*)	(*)
3444	Sheet metal work.....	22,339	7,985	14,354	1,599	18,770	6,718	12,052	853
3449	Miscellaneous metal work, n.e.c.....	15,903	5,182	10,721	871	(⁶)	(⁶)	(⁶)	(⁶)
345	Screw machine products and bolts.....	54,929	20,462	34,467	5,083	37,976	8,435	29,541	3,808
3451	Screw machine products.....	11,222	2,139	9,083	2,911	11,886	2,426	9,460	2,646
3452	Bolts, nuts, washers, and rivets.....	43,707	18,323	25,384	2,172	26,090	6,009	20,081	1,162
3461	Metal stampings.....	50,439	15,117	35,322	10,145	39,290	7,845	31,445	3,930
347	Metal services, n.e.c.....	20,553	6,188	14,365	2,073	16,271	4,333	11,938	1,123
3471	Plating and polishing.....	15,877	4,960	10,917	1,366	12,862	3,280	9,582	706
3479	Metal coating, engraving, etc.....	4,676	1,228	3,448	707	3,409	1,053	2,356	(³)
3481	Fabricated wire products, n.e.c.....	18,105	5,226	12,879	2,568	17,503	5,543	11,959	1,896
349	Fabricated metal products, n.e.c.....	59,627	14,338	45,289	6,480	(*)	(*)	(*)	(*)
3491	Metal barrels, drums and pails.....	4,583	1,258	3,325	736	(*)	(*)	(*)	(*)
3492	Safes and vaults.....	683	(³)	561	(³)	714	(³)	518	(³)
3493	Steel springs.....	1,721	(³)	1,538	(³)	36,127	8,299	27,827	1,996
3494	Valves and pipe fittings.....	32,748	8,081	24,667	3,487	24,869	5,401	19,468	990
3496	Collapsible tubes.....	1,572	(³)	1,260	(³)	1,369	(³)	1,060	(³)
3497	Metal foil and leaf.....	2,855	(³)	2,469	(³)	(*)	(*)	(*)	(*)
3498	Fabricated pipe and fittings.....	4,103	1,200	2,903	641	4,804	1,820	2,984	559
3499	Fabricated metal products, n.e.c.....	11,362	2,796	8,566	645	8,088	2,583	5,505	(³)
35	Machinery, except electrical.....	676,419	198,319	478,100	66,798	(⁶)	(⁶)	(⁶)	(⁶)
351	Engines and turbines.....	61,191	12,782	48,409	13,379	40,052	10,283	29,769	779
3511	Steam engines and turbines.....	20,492	3,109	17,383	1,529	40,052	10,283	29,769	779
3519	Internal combustion engines.....	40,699	9,673	31,026	11,850				
3522	Farm machinery and equipment.....	49,779	12,212	37,567	3,301	(*)	(*)	(*)	(*)
353	Construction and like equipment.....	87,576	22,635	64,941	5,473	(*)	(*)	(*)	(*)
3531	Construction machinery.....	44,810	10,020	34,790	1,937	(*)	(*)	(*)	(*)
3532	Mining machinery and equipment.....	6,507	1,656	4,851	(³)	(*)	(*)	(*)	(*)
3533	Oil field machines and equipment.....	18,341	6,303	12,038	2,043	18,188	4,309	13,879	826
3534	Elevators and moving stairways.....	2,321	537	1,784	(³)	1,429	(³)	1,233	(³)
3535	Conveyors.....	7,197	2,174	5,023	(³)	(*)	(*)	(*)	(*)
3536	Hoists, cranes, and monorails.....	5,056	742	4,314	(³)	(*)	(*)	(*)	(*)
3537	Industrial trucks and tractors.....	3,344	1,203	2,141	(³)	7,088	3,543	3,545	1,043

See footnotes at end of table.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-11

Table 3.—Manufacturers Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
35	Machinery, except electrical—Continued								
354	Metalworking machinery.....	105,716	23,606	82,110	11,782	(*)	(*)	(*)	(*)
3541	Metal-cutting machine tools.....	18,840	1,921	16,919	1,592	37,683	11,151	26,532	1,980
3542	Metal-forming machine tools.....	11,723	3,828	7,895	(*)	(*)	(*)	(*)	(*)
3544	Special dies and tools.....	43,242	11,596	31,646	7,438	(*)	(*)	(*)	(*)
3545	Machine tool accessories.....	15,277	2,928	12,349	1,533	16,598	3,847	12,751	834
3548	Metalworking machinery, n.e.c.....	16,634	3,333	13,301	763	(*)	(*)	(*)	(*)
355	Special industry machinery.....	53,807	14,568	39,239	6,732	45,722	10,771	34,951	6,297
3551	Food products machinery.....	7,583	1,684	5,899	1,325	7,571	1,559	6,011	3,601
3552	Textile machinery.....	8,508	2,380	6,128	726	8,528	1,492	7,036	879
3553	Woodworking machinery.....	6,924	1,758	5,166	1,831	4,329	1,038	3,290	(*)
3554	Paper industries machinery.....	4,847	885	3,962	(*)	4,916	1,218	3,698	(*)
3555	Printing trades machinery.....	8,496	3,245	5,251	1,200	6,634	1,272	5,362	(*)
3559	Special industry machinery, n.e.c.....	17,449	4,616	12,833	1,233	413,742	44,188	49,554	41,074
356	General industrial machinery.....	109,683	35,765	73,918	11,478	(*)	(*)	(*)	(*)
3561	Pumps and compressors.....	24,678	6,843	17,835	3,938	18,015	3,967	14,047	923
3562	Ball and roller bearings.....	34,303	14,060	20,243	2,465	27,828	3,153	24,675	1,603
3564	Blowers and fans.....	5,569	1,875	3,694	(*)	5,873	1,637	4,236	(*)
3565	Industrial patterns.....	3,214	1,255	1,959	625	(*)	(*)	(*)	(*)
3566	Power transmission equipment.....	21,719	4,395	17,324	2,630	(*)	(*)	(*)	(*)
3567	Industrial furnaces and ovens.....	2,853	883	1,970	832	(*)	(*)	(*)	(*)
3569	General industry machinery, n.e.c.....	17,347	6,454	10,893	626	(*)	(*)	(*)	(*)
357	Office machines, n.e.c.....	84,496	29,046	55,450	1,513	(*)	(*)	(*)	(*)
3571	Computing and related machines.....	61,494	21,549	39,945	(*)	431,571	(*)	46,363	(*)
3572	Typewriters.....	9,779	1,822	7,957	(*)	2,789	(*)	2,641	(*)
3576	Scales and balances.....	1,406	(*)	1,122	(*)	41,103	(*)	4856	(*)
3579	Office machines, n.e.c.....	11,817	5,391	6,426	896	(*)	(*)	(*)	(*)
358	Service industry machines.....	31,358	9,065	22,293	3,219	(*)	(*)	(*)	(*)
3581	Automatic vending machines.....	2,798	989	1,809	874	(*)	(*)	(*)	(*)
3582	Commercial laundry equipment.....	1,934	655	1,279	(*)	1,062	(*)	911	(*)
3584	Vacuum cleaners, industrial.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3585	Refrigeration machinery.....	21,171	6,371	14,800	1,694	(*)	(*)	(*)	(*)
3586	Measuring and dispensing pumps.....	2,238	(*)	2,107	(*)	1,750	(*)	1,502	(*)
3589	Service industry machines, n.e.c.....	3,198	917	2,281	(*)	(*)	(*)	(*)	(*)
3599	Machine shops.....	92,813	38,640	54,173	9,921	439,588	410,842	428,746	45,105
36	Electrical machinery.....	449,925	142,430	307,495	54,800	(*)	(*)	(*)	(*)
361	Electric distribution products.....	48,276	14,759	33,517	1,860	(*)	(*)	(*)	(*)
3611	Electric measuring instruments.....	19,103	9,091	10,012	(*)	416,133	47,661	48,472	(*)
3612	Transformers.....	11,353	1,514	9,839	(*)	422,852	45,742	47,110	41,027
3613	Switchgear and switchboards.....	17,820	4,154	13,666	1,031	(*)	(*)	(*)	(*)
362	Electric industrial apparatus.....	59,787	15,813	43,974	18,500	(*)	(*)	(*)	(*)
3621	Motors and generators.....	28,311	4,800	23,511	4,256	38,310	5,132	33,178	4,173
3622	Industrial controls.....	7,611	3,095	4,516	(*)	(*)	(*)	(*)	(*)
3623	Welding apparatus.....	4,330	1,422	2,908	(*)	4,713	1,060	3,653	(*)
3624	Carbon and graphite products.....	11,068	4,926	6,142	(*)	6,492	1,352	5,140	(*)
3629	Electric industrial goods, n.e.c.....	8,467	1,570	6,897	13,792	(*)	(*)	(*)	(*)
363	Household appliances.....	43,038	7,021	36,017	7,605	(*)	(*)	(*)	(*)
3631	Household cooking equipment.....	4,002	824	3,178	883	(*)	(*)	(*)	(*)
3632	Household refrigerators.....	9,870	2,100	7,770	3,498	(*)	(*)	(*)	(*)
3633	Household laundry equipment.....	7,219	692	6,527	(*)	18,569	7,143	11,426	1,470
3634	Electric housewares and fans.....	9,985	2,126	7,859	1,529	(*)	(*)	(*)	(*)
3635	Household vacuum cleaners.....	2,217	(*)	2,019	(*)	42,094	(*)	41,863	(*)
3636	Sewing machines.....	5,380	(*)	5,250	570	3,045	791	2,254	(*)
3639	Household appliances, n.e.c.....	4,365	951	3,414	731	(*)	(*)	(*)	(*)
364	Lighting and wiring devices.....	42,296	9,153	33,143	3,928	(*)	(*)	(*)	(*)
3641	Electric lamps.....	8,276	(*)	7,810	(*)	8,288	589	7,699	(*)
3642	Lighting fixtures.....	14,415	4,305	10,110	2,542	414,217	42,590	41,627	4768
3643	Current carrying devices.....	9,629	2,073	7,556	658	(*)	(*)	(*)	(*)
3644	Noncurrent carrying devices.....	9,976	2,309	7,667	(*)	(*)	(*)	(*)	(*)
365	Radio, TV, receiving equipment.....	15,319	5,538	9,781	1,574	(*)	(*)	(*)	(*)
3651	Radio and TV receiving sets.....	11,308	4,317	6,991	911	(*)	(*)	(*)	(*)
3652	Phonograph records.....	4,011	1,221	2,790	663	2,992	846	2,146	(*)
366	Communication equipment.....	147,452	67,672	79,780	14,249	(*)	(*)	(*)	(*)
3661	Telephone; telegraph apparatus.....	103,517	51,012	52,505	12,444	22,144	1,955	20,189	3,188
3662	Radio, TV communication equipment.....	43,935	16,660	27,275	1,805	(*)	(*)	(*)	(*)
367	Electronic components.....	72,247	17,653	54,594	5,623	(*)	(*)	(*)	(*)
3671	Electron tubes, receiving type.....	11,514	3,485	8,029	(*)	(*)	(*)	(*)	(*)
3672	Cathode ray picture tubes.....	1,406	(*)	1,132	(*)	(*)	(*)	(*)	(*)
3673	Electron tubes, transmitting.....	9,021	2,622	6,399	3,488	(*)	(*)	(*)	(*)
3679	Electronic components, n.e.c.....	50,306	11,272	39,034	1,814	(*)	(*)	(*)	(*)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
	Electrical machinery—Continued								
369	Electrical products, n.e.c.....	21,150	4,821	16,689	1,461	435,016	46,758	428,258	41,143
3691	Storage batteries.....	7,330	1,408	5,922	(³)	10,512	2,704	7,808	(³)
3692	Primary batteries, dry and wet.....	2,343	921	1,422	(³)	2,088	(³)	1,677	(³)
3693	X-ray and therapeutic apparatus.....	1,371	567	804	(³)	41,913	(³)	41,590	(³)
3694	Engine electrical equipment.....	9,102	1,654	7,448	557	18,172	2,814	15,358	798
3699	Electrical products, n.e.c.....	1,364	(³)	1,093	607	(*)	(*)	(*)	(*)
37	Transportation equipment.....	608,273	166,423	441,850	83,881	4924,898	4180,828	4744,070	446,803
371	Motor vehicles and equipment.....	322,911	54,471	268,440	50,082	4731,089	4109,907	4621,182	424,502
3713	Truck and bus bodies.....	3,627	1,597	2,030	(³)	1,437	2,260	(³)	(³)
3715	Truck trailers.....	4,638	920	3,718	(³)	2,788	1,054	1,734	(³)
3717	Motor vehicles and parts.....	314,646	51,954	262,692	49,442	4722,199	4106,543	4615,656	423,595
372	Aircraft and parts.....	205,499	76,346	129,153	29,961	4142,206	454,399	487,807	49,619
3721	Aircraft.....	93,752	39,486	54,266	2,369	459,446	424,419	435,026	42,786
3722	Aircraft engines and parts.....	55,883	20,398	35,485	18,849	46,689	19,532	27,157	1,819
3723	Aircraft propellers and parts.....	5,107	797	4,310	(³)	4,320	1,559	2,760	(³)
3729	Aircraft equipment, n.e.c.....	50,757	15,665	35,092	8,341	(*)	(*)	(*)	(*)
373	Ships and boats.....	54,035	27,452	26,583	2,266	24,120	10,708	13,412	1,696
3731	Ship building and repairing.....	38,737	18,762	19,975	1,809	19,316	8,293	11,023	1,502
3732	Boat building and repairing.....	15,298	8,690	6,608	(³)	4,804	2,415	2,389	(³)
374	Railroad equipment.....	13,910	2,585	11,325	721	25,445	5,361	20,084	10,941
3741	Locomotives and parts.....	5,275	800	4,475	(³)	6,370	(³)	5,848	10,658
3742	Railroad and street cars.....	8,635	1,785	6,850	(³)	19,074	4,838	14,236	(³)
3751	Motorcycles, bicycles, and parts.....	2,549	(³)	2,175	(³)	1,476	(³)	1,190	(³)
379	Transportation equipment, n.e.c.....	9,369	5,195	4,174	776	2,965	1,038	1,927	(³)
3791	Trailer coaches.....	6,939	4,121	2,818	(³)	(*)	(*)	(*)	(*)
3799	Transportation equipment, n.e.c.....	2,430	1,074	1,356	(³)	(*)	(*)	(*)	(*)
38	Instruments and related products.....	123,621	39,809	83,812	9,255	494,008	426,647	467,361	43,990
3811	Scientific instruments.....	25,593	10,710	14,883	3,358	(*)	(*)	(*)	(*)
382	Mechanical measuring devices.....	24,204	7,541	16,663	3,895	421,487	45,896	415,591	4707
3821	Mechanical measuring devices.....	18,215	6,861	11,354	3,830	(*)	(*)	(*)	(*)
3822	Automatic temperature controls.....	5,989	680	5,309	(³)	(*)	(*)	(*)	(*)
3831	Optical instruments and lenses.....	3,438	2,035	1,403	(³)	3,816	2,400	1,416	(³)
384	Medical instruments and supplies.....	13,439	3,150	10,289	618	(*)	(*)	(*)	(*)
3841	Surgical and medical instruments.....	2,812	696	2,116	(³)	(*)	(*)	(*)	(*)
3842	Surgical appliances and supplies.....	9,110	2,132	6,978	(³)	(*)	(*)	(*)	(*)
3843	Dental equipment and supplies.....	1,517	(³)	1,195	(³)	1,434	(³)	1,276	(³)
3851	Ophthalmic goods.....	5,367	1,016	4,351	(³)	5,042	1,088	3,954	(³)
3861	Photographic equipment.....	46,770	14,532	32,238	1,073	38,664	8,791	29,873	1,533
387	Watches and clocks.....	4,810	825	3,985	(³)	3,981	788	3,193	(³)
3871	Watches and clocks.....	4,607	819	3,788	(³)	3,511	765	2,746	(³)
3872	Watchcases.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
39	Miscellaneous manufacturing ⁷	183,231	61,908	121,322	11,710	4137,098	433,571	4103,527	410,312
391	Jewelry and silverware.....	6,838	2,198	4,639	(³)	7,339	2,003	5,336	844
3911	Jewelry, precious metal.....	3,392	1,671	1,721	(³)	1,836	585	1,251	(³)
3912	Jewelers' findings and materials.....	715	(³)	583	(³)	1,558	(³)	1,283	(³)
3913	Lapidary work.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
3914	Silverware and plated ware.....	2,478	(³)	2,115	(³)	3,826	1,123	2,702	672
3931	Musical instruments and parts.....	4,664	2,210	2,454	(³)	1,922	643	1,279	(³)
394	Toys and sporting goods.....	33,119	7,237	25,882	847	17,599	3,854	13,745	822
3941	Games and toys, n.e.c.....	16,513	4,444	12,069	(³)	8,358	1,806	6,552	(³)
3942	Dolls.....	5,469	(³)	5,281	(³)	2,247	(³)	2,018	(³)
3943	Children's vehicles.....	831	(³)	635	(³)	1,325	(³)	1,080	(³)
3949	Sporting and athletic goods, n.e.c.....	10,306	2,409	7,897	(³)	5,668	1,567	4,095	(³)
395	Office supplies.....	9,892	3,267	6,625	1,814	7,399	1,821	5,576	(³)
3951	Pens and mechanical pencils.....	3,829	730	3,099	(³)	43,054	401	42,153	(³)
3952	Lead pencils and art goods.....	2,049	736	1,313	(³)	2,163	(³)	1,736	(³)
3953	Marking devices.....	1,360	(³)	865	(³)	1,060	(³)	850	(³)
3955	Carbon paper and inked ribbons.....	2,654	1,306	1,348	1,195	1,120	(³)	837	(³)

See footnotes at end of table.

Table 3.—Manufacturers' Expenditures for Plant and Equipment, for Establishments in Operation, by Industry Group and Industry: 1958 and 1954—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Industry	1958 ¹				1954 ^{1 2}			
		Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
		Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
39	Miscellaneous manufacturing—Continued								
396	Costume jewelry and notions.....	12,364	2,890	9,474	678	10,165	2,210	7,955	637
3961	Costume jewelry.....	5,788	1,806	3,982	(³)	3,621	1,354	2,267	(³)
3962	Artificial flowers.....	886	(³)	549	(³)	(³)	(³)	(³)	(³)
3963	Buttons.....	1,414	(³)	1,157	(³)	1,139	(³)	990	(³)
3964	Needles, pins, and fasteners.....	4,276	(³)	3,786	(³)	4,981	556	4,425	(³)
398	Miscellaneous manufactures ⁷	116,354	44,106	72,248	7,811	486,319	421,963	464,356	47,734
3981	Brooms and brushes.....	3,981	1,385	2,596	(³)	3,074	799	2,275	(³)
3982	Hard surface floor coverings.....	5,185	807	4,378	(³)	6,352	1,072	5,280	(³)
3983	Matches.....	942	(³)	776	(³)	846	(³)	542	(³)
3984	Candles.....	(³)	(³)	(³)	(³)	822	(³)	540	(³)
3987	Lamp shades.....	1,237	(³)	1,035	(³)	(³)	(³)	(³)	(³)
3988	Morticians' goods.....	5,754	1,998	3,756	(³)	2,846	1,077	1,769	(³)
3992	Furs, dressed and dyed.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
3993	Signs and advertising displays.....	13,505	6,232	7,273	827	6,967	2,539	4,428	(³)
3995	Umbrellas, parasols and canes.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
3999	Miscellaneous products, nec.....	7,317	2,989	4,328	540	(*)	(*)	(*)	(*)
1900	Ordnance and accessories.....	77,592	30,095	47,497	5,547	48,331	10,424	37,907	3,872

NA Not available.

(*)The 1954 figures are not shown due to revisions in the Standard Industrial Classification system which resulted in noncomparable data.

¹In 1958 and 1954 establishments that reported on the short form were asked to show only their total expenditures for new plant and equipment. Their totals were prorated on the basis of industry averages of the establishments that reported detailed expenditures by type to obtain separate expenditures figures for new plant, new equipment, and used plant and equipment.²Due to a change in the Standard Industrial Classification system between the two census years, the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.³The 1954 data are not strictly comparable with the figures shown for 1958 due to differences in coverage of Ready-mixed concrete establishments and Machine shops engaged exclusively or almost exclusively in machine shop repair work. For further information, see footnote 1 to table 1 of this chapter and Appendix A.⁴The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A for further information on the comparability of 1958 and 1954 statistics.⁵Less than \$500 thousand.⁶Comparable data for selected industry groups are not available due to the adoption of the revised Standard Industrial Classification for 1958. For a complete description of these revisions, see Appendix A to this report. However, selected 1954 figures have been retabulated to make them comparable to the 1958 data and are shown in the following table:

1958 SIC code	1958				1954			
	Expenditures for new plant and equipment			Expenditures for used plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment
	Total	New structures and additions to plant	New machinery and equipment		Total	New structures and additions to plant	New machinery and equipment	
2611, 2621, 2631, and 2661.....	424,737	84,711	340,057	5,408	370,539	83,715	286,824	3,126
264 and 265.....	193,761	53,199	140,562	14,546	162,183	46,083	116,100	8,303
275 and 2761.....	168,808	39,872	128,936	15,150	102,378	16,773	85,605	7,823
32 except 3273.....	371,296	103,089	268,207	14,317	300,647	86,525	214,122	12,392
327 except 3273.....	82,760	23,481	59,279	3,929	61,680	14,441	47,239	2,875
331 and 339.....	1,028,819	399,822	628,997	15,105	676,415	217,202	459,213	15,135
3316, 3392, and 3399.....	21,168	5,362	15,806	1,994	14,864	3,771	11,093	677
3441 and 3449.....	52,692	21,141	31,551	2,599	37,768	16,453	21,315	1,889
35 and 36.....	1,126,344	340,749	785,595	121,598	1,030,589	272,684	757,905	55,782
3613 and 3622.....	25,431	7,249	18,182	1,277	31,478	14,494	16,984	900
365, 366, and 367.....	235,018	90,863	144,155	21,446	132,581	39,504	93,077	5,806

⁷Includes privately owned and/or operated establishments classified in Major Industry Group 19, "Ordnance and Accessories." Establishments which are Government-owned and operated are not included.

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Manufacturers' Expenditures for Plant and Equipment,

(In thousands of dollars. For explanation

	Division and State	1958									
		All establishments			Establishments in operation			Establishments under construction ¹			Expenditures for used plant and equipment
		Total new expenditures	New structures and additions to plant	New machinery and equipment	Total new expenditures	New structures and additions to plant	New machinery and equipment	Total new expenditures	New structures and additions to plant	New machinery and equipment	
1	United States, total.	9,572,965	3,260,397	6,312,568	9,075,759	3,009,401	6,066,358	497,206	250,996	246,210	520,927
2	New England.....	525,782	148,271	377,511	525,782	148,271	377,511	(S)	(S)	(S)	35,935
3	Maine.....	43,597	13,407	30,190	43,597	13,407	30,190	(D)	(D)	(D)	2,258
4	New Hampshire.....	24,365	4,904	19,461	24,365	4,904	19,461	...	...	...	1,885
5	Vermont.....	11,598	3,334	8,264	11,598	3,334	8,264	...	...	...	776
6	Massachusetts.....	225,007	62,409	162,598	221,501	59,597	161,904	3,506	2,812	694	13,797
7	Rhode Island.....	29,515	6,576	22,939	29,515	6,576	22,939	(D)	(D)	(D)	4,013
8	Connecticut.....	195,204	60,453	134,751	195,204	60,453	134,751	...	...	...	13,205
9	Middle Atlantic.....	2,009,607	690,382	1,319,225	1,907,666	624,714	1,282,952	101,941	65,668	36,273	98,165
10	New York.....	739,170	252,562	486,608	676,852	206,754	470,098	62,318	45,808	16,510	44,106
11	New Jersey.....	454,117	157,494	296,623	432,395	148,802	283,593	21,722	8,692	13,030	23,746
12	Pennsylvania.....	816,320	280,327	535,993	798,419	269,159	529,260	17,901	11,168	6,733	30,313
13	East North Central.....	2,749,891	940,878	1,809,013	2,607,758	862,835	1,744,923	142,133	78,043	64,090	197,661
14	Ohio.....	784,644	234,072	550,572	784,644	234,072	550,572	(S)	(S)	(S)	57,678
15	Indiana.....	527,914	243,181	284,733	490,203	227,739	262,464	37,711	15,442	22,269	30,734
16	Illinois.....	730,728	264,941	465,787	697,273	244,240	453,033	33,455	20,701	12,754	43,240
17	Michigan.....	465,273	110,991	354,282	444,030	103,437	340,593	21,243	7,554	13,689	55,352
18	Wisconsin.....	191,608	53,347	138,261	191,608	53,347	138,261	(S)	(S)	(S)	10,657
19	West North Central.....	560,909	212,189	348,720	515,187	187,132	328,055	45,722	25,057	20,665	28,295
20	Minnesota.....	108,521	33,799	74,722	108,521	33,799	74,722	(D)	(D)	(D)	5,412
21	Iowa.....	99,866	38,431	61,435	99,866	38,431	61,435	(D)	(D)	(D)	5,027
22	Missouri.....	164,670	50,710	113,960	164,670	50,710	113,960	(D)	(D)	(D)	9,086
23	North Dakota.....	9,142	6,476	2,666	9,142	6,476	2,666	...	...	...	(³)
24	South Dakota.....	5,211	1,815	3,396	5,211	1,815	3,396	...	...	...	(³)
25	Nebraska.....	49,906	20,278	29,628	49,906	20,278	29,628	...	...	...	5,762
26	Kansas.....	77,871	35,623	42,248	77,871	35,623	42,248	(D)	(D)	(D)	2,611
27	South Atlantic.....	1,065,048	299,343	765,705	988,782	260,529	728,253	76,266	38,814	37,452	52,441
28	Delaware.....	27,311	8,488	18,823	27,311	8,488	18,823	(D)	(D)	(D)	851
29	Maryland.....	128,085	47,124	80,961	120,899	42,598	78,301	7,186	4,526	2,660	4,942
30	District of Columbia...	14,732	5,680	9,052	14,732	5,680	9,052	...	...	...	(³)
31	Virginia.....	147,271	32,362	114,909	141,641	30,541	111,100	5,630	1,821	3,809	4,348
32	West Virginia.....	167,199	37,385	129,814	167,199	37,385	129,814	(D)	(D)	(D)	3,354
33	North Carolina.....	191,292	57,606	133,686	168,612	41,716	126,896	22,680	15,890	6,790	14,527
34	South Carolina.....	75,159	15,295	59,864	75,159	15,295	59,864	(D)	(D)	(D)	6,725
35	Georgia.....	155,885	44,826	111,059	152,440	43,558	108,882	3,445	1,268	2,177	7,104
36	Florida.....	152,303	47,272	105,031	120,789	35,268	85,521	31,514	12,004	19,510	10,403
37	East South Central.....	529,580	137,497	392,083	474,408	123,424	350,984	55,172	14,073	41,099	13,670
38	Kentucky.....	108,855	28,698	80,157	108,855	28,698	80,157	(D)	(D)	(D)	3,116
39	Tennessee.....	181,797	43,108	138,689	143,130	34,248	108,882	38,667	8,860	29,807	6,015
40	Alabama.....	165,144	46,908	118,236	164,478	46,581	117,897	666	(²)	(²)	3,321
41	Mississippi.....	57,945	13,897	44,048	57,945	13,897	44,048	(D)	(D)	(D)	1,218
42	West South Central.....	901,339	358,938	542,401	862,063	345,488	516,575	39,276	13,450	25,826	28,915
43	Arkansas.....	47,734	15,993	31,741	47,734	15,993	31,741	(D)	(D)	(D)	3,078
44	Louisiana.....	164,044	61,475	102,569	164,044	61,475	102,569	(D)	(D)	(D)	6,118
45	Oklahoma.....	61,927	29,026	32,901	61,927	29,026	32,901	...	...	...	2,572
46	Texas.....	617,802	248,546	369,256	588,358	238,994	349,364	29,444	9,552	19,892	17,148
47	Mountain.....	186,056	74,522	111,534	170,712	67,814	102,898	15,344	6,708	8,636	8,494
48	Montana.....	21,693	12,081	9,612	21,693	12,081	9,612	...	...	...	612
49	Idaho.....	18,409	5,110	13,299	18,409	5,110	13,299	(D)	(D)	(D)	945
50	Wyoming.....	6,985	5,361	1,624	6,985	5,361	1,624	...	...	...	(³)
51	Colorado.....	45,833	17,656	28,177	45,833	17,656	28,177	(D)	(D)	(D)	2,572
52	New Mexico.....	15,423	5,683	9,740	15,423	5,683	9,740	(D)	(D)	(D)	1,764
53	Arizona.....	27,698	7,652	20,046	27,698	7,652	20,046	...	...	...	1,427
54	Utah.....	29,516	12,460	17,056	29,516	12,460	17,056	...	...	...	756
55	Nevada.....	5,155	1,811	3,344	5,155	1,811	3,344	...	...	...	(³)
56	Pacific.....	1,024,093	389,583	634,510	1,024,093	389,583	634,510	(S)	(S)	(S)	57,346
57	Washington.....	160,445	78,483	81,962	160,445	78,483	81,962	...	...	...	6,823
58	Oregon.....	123,339	36,161	87,178	121,317	35,409	85,908	2,022	752	1,270	9,034
59	California.....	742,331	275,691	466,640	742,331	275,691	466,640	(S)	(S)	(S)	41,488

See footnotes at end of table.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-15

for Divisions and States: 1958 and Earlier Years

of column captions see Introduction)

1957 ²			1956 ²			1955 ²			1954			
Total	Expenditures for—		Total	Expenditures for—		Total	Expenditures for—		Total	Expenditures for—		
	Establishments in operation	Establishments under construction ¹		Establishments in operation	Establishments under construction ¹		Establishments in operation	Establishments under construction ¹		Establishments in operation	Establishments under construction ¹	
12,143,965	11,408,069	735,896	11,233,177	10,737,861	495,316	8,233,138	7,853,494	379,644	8,200,739	7,816,752	383,987	1
618,431	597,565	20,866	573,958	555,198	18,760	470,682	457,273	13,409	424,264	424,264	(D)	2
59,147	59,147	...	50,172	50,172	...	54,333	54,333	(D)	58,935	58,935	...	3
25,410	25,410	...	35,823	35,823	...	21,029	21,029	...	18,492	18,492	(D)	4
21,660	21,660	(D)	11,667	11,667	...	9,940	9,160	(S)	8,876	8,876	(D)	5
243,951	243,951	(D)	228,810	228,810	(D)	195,004	195,004	(D)	180,698	180,698	(D)	6
35,238	35,238	...	38,225	38,225	...	30,658	30,658	(D)	27,671	27,671	...	7
224,518	212,159	(S)	190,501	190,501	(D)	149,913	147,089	2,824	129,591	129,591	(D)	8
2,212,422	2,153,392	59,030	2,041,246	1,980,800	(S)	1,584,338	1,536,892	47,446	1,606,509	1,552,857	53,652	9
728,400	711,623	16,777	693,183	684,265	8,918	548,906	537,398	11,508	581,082	572,125	8,957	10
527,485	500,180	27,305	491,716	485,139	6,577	370,741	359,615	11,126	392,380	359,816	32,564	11
956,537	941,589	14,948	856,347	811,396	(S)	664,691	639,879	24,812	633,046	620,915	12,131	12
3,824,763	3,609,341	215,422	3,742,254	3,604,308	137,946	2,670,025	2,556,441	113,584	2,727,458	2,653,950	73,508	13
1,208,534	1,134,629	73,905	1,053,550	1,016,038	37,512	679,536	650,867	28,669	770,606	760,932	9,674	14
651,785	594,169	57,616	586,315	586,315	(D)	449,020	412,775	36,245	301,460	301,460	(D)	15
923,215	875,127	48,088	822,117	793,996	28,121	562,136	533,094	29,042	575,020	551,669	23,351	16
694,703	694,703	(D)	1,014,855	983,928	30,927	805,804	787,790	(S)	897,842	870,465	27,377	17
310,713	310,713	(D)	224,031	224,031	(D)	173,529	171,915	1,614	169,422	169,422	(D)	18
558,835	541,316	17,519	535,567	527,486	8,081	406,220	402,045	4,175	400,211	389,113	11,098	19
101,880	98,880	3,000	98,658	98,175	(?)	79,327	79,327	(D)	87,069	82,188	4,881	20
110,561	110,561	(D)	131,670	128,221	3,449	76,264	76,264	(D)	77,666	73,410	4,256	21
174,219	171,899	2,320	166,351	162,341	4,010	144,393	144,393	(D)	124,394	124,394	(D)	22
3,646	3,646	...	14,451	14,451	...	13,924	13,924	...	16,244	16,244	...	23
2,504	2,504	...	(S)	(S)	(D)	(S)	(S)	...	3,444	3,444	...	24
74,675	74,675	(D)	31,279	31,279	(D)	20,889	20,889	...	36,414	36,414	...	25
89,229	79,151	10,078	89,407	89,407	(D)	64,538	64,538	(D)	53,017	53,017	(D)	26
1,522,634	1,412,366	110,268	1,503,669	1,450,996	52,673	1,090,925	968,583	122,342	832,896	789,323	43,573	27
58,976	58,976	(D)	150,401	150,401	(D)	22,634	22,634	(D)	23,375	23,375	(D)	28
270,769	259,909	10,860	320,024	320,024	(D)	177,629	177,629	(D)	93,908	93,908	(D)	29
13,383	13,383	...	7,544	7,544	(D)	7,037	7,037	...	6,536	6,536	...	30
214,730	214,730	(D)	175,744	162,015	(S)	153,550	145,760	(S)	109,887	109,887	(D)	31
263,430	263,430	(D)	197,396	197,396	(D)	135,493	114,897	20,596	98,883	98,883	(D)	32
195,237	183,329	11,908	194,539	193,202	1,337	171,664	160,478	11,186	129,622	129,622	(D)	33
114,770	100,203	14,567	101,970	91,809	10,161	83,221	83,221	(D)	62,865	59,629	3,236	34
195,750	177,846	17,904	232,016	217,829	14,187	196,161	193,490	2,671	173,066	162,849	10,217	35
181,737	140,560	41,177	117,004	110,776	6,228	80,343	63,437	(S)	105,078	104,631	(?)	36
722,752	647,461	75,291	597,633	558,501	39,132	348,637	334,754	13,883	430,323	395,995	34,328	37
153,804	136,775	17,029	119,495	109,223	10,272	95,465	93,812	1,653	152,947	124,037	28,910	38
218,700	207,836	10,864	203,681	200,538	3,143	120,931	112,540	8,391	156,058	152,698	3,360	39
301,079	265,751	35,328	239,451	215,025	24,426	95,302	95,302	(D)	82,248	82,248	(D)	40
49,169	37,099	12,070	35,006	33,715	1,291	33,100	33,100	(D)	37,008	37,008	(D)	41
1,257,115	1,119,251	137,864	868,674	765,488	103,186	581,456	563,310	18,146	765,743	721,066	44,677	42
85,340	38,692	46,648	50,435	50,435	(D)	52,800	52,800	(D)	42,715	42,715	(D)	43
300,655	231,137	69,518	163,380	163,380	(D)	92,520	92,520	(D)	174,396	174,396	(D)	44
59,292	51,999	7,293	50,562	49,915	647	45,481	45,481	...	51,740	51,740	...	45
811,828	797,423	14,405	553,378	501,758	51,620	382,656	372,509	10,147	479,349	452,214	27,135	46
218,640	195,973	22,667	272,469	242,825	(S)	207,142	207,142	(D)	125,471	125,471	(D)	47
19,998	19,998	(D)	83,657	58,217	(S)	65,079	65,079	...	20,574	20,574	(D)	48
17,743	17,743	(D)	29,129	29,129	...	32,278	32,278	...	19,254	19,254	(D)	49
10,426	10,426	(D)	12,178	12,178	...	5,082	5,082	...	6,899	6,899	...	50
52,808	52,808	...	64,662	64,662	(D)	33,693	33,693	(D)	30,121	30,121	(D)	51
19,952	19,952	(D)	13,291	13,291	...	13,570	13,570	...	6,585	6,585	...	52
(S)	(S)	(D)	14,021	14,021	(D)	15,800	15,800	(D)	13,800	13,800	...	53
33,650	33,650	...	46,408	46,408	...	36,479	36,479	...	23,385	23,385	(D)	54
8,752	8,752	(D)	4,919	4,919	...	5,161	5,161	...	4,850	4,850	...	55
1,208,059	1,131,090	76,969	1,097,710	1,052,262	45,448	827,057	827,057	(D)	841,071	764,713	76,358	56
236,553	211,519	25,034	222,651	222,651	(D)	200,286	200,286	(D)	147,130	147,130	(D)	57
104,553	74,881	29,672	92,168	92,168	(D)	80,870	80,870	(D)	67,811	67,811	(D)	58
866,953	844,690	22,263	771,434	737,443	33,991	585,519	545,901	39,618	590,989	549,801	41,188	59

MANUFACTURES—SUMMARY STATISTICS

FOOTNOTES FOR TABLE 4

Note: Detailed figures may not add to totals for reasons in disclosure statement.

D Withheld to avoid disclosure of data for individual companies. Where the symbol (D) or (S) appears for a State or division under the heading, "Establishments under construction," the withheld data have been excluded from the "All establishments" figures for that area. They are, however, included in "United States" totals for "Establishments under construction" and for "All establishments."

S Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹The figures presented for establishments under construction are based on reports received from the 1,700 largest manufacturing companies and from a sample of all other companies covered in the Census. The standard errors for the published totals for 1958 (for 1954-1957, see the respective Annual Survey or Census volumes) that include the sample estimates are as follows:

Division and State	Standard error (percent) of total expenditures for establishments under construction	Division and State	Standard error (percent) of total expenditures for establishments under construction
United States, total.....	5	South Atlantic.....	1
Middle Atlantic.....	8	North Carolina.....	1
New York.....	13	East South Central.....	5
New Jersey.....	2	West South Central.....	14
Pennsylvania.....	4	Texas.....	18
East North Central.....	15	Mountain.....	30

The percentage standard errors shown in this table indicate the range of differences that can be expected between the estimates and comparable complete coverage canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²The data for operating manufacturing establishments for 1955-1957 are estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The sampling variability of these estimates is published in the Annual Survey of Manufactures Volumes for the respective periods.

³Less than \$500 thousand.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-17

Table 5.--Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment
		New England Division			Maine			New Hampshire		
	Total.....	525,782	148,271	377,511	43,597	13,407	30,190	24,365	4,904	19,461
20	Food and kindred products.....	38,198	10,211	27,987	4,932	1,350	3,582	2,550	488	2,062
21	Tobacco products.....	102	28	74	...	...	...	(D)	...	(D)
22	Textile mill products.....	23,548	4,791	18,757	1,934	623	1,311	2,478	474	2,004
23	Apparel and related products.....	5,228	1,481	3,747	152	57	95	52	12	40
24	Lumber and wood products.....	12,862	3,873	8,989	5,919	1,925	3,994	2,800	519	2,281
25	Furniture and fixtures.....	5,311	1,947	3,364	349	299	50	1,604	250	1,354
26	Paper and allied products.....	68,348	20,065	48,283	12,226	6,931	15,295	3,321	203	3,118
27	Printing and publishing.....	33,981	12,564	21,417	986	358	628	958	235	723
28	Chemicals and allied products.....	35,236	10,908	24,328	651	542	109	105	74	31
29	Petroleum and coal products.....	1,909	1,394	515	(D)	(D)	(D)	4	3	1
30	Rubber and plastics products, nec..	25,025	4,482	20,543	878	85	793	(D)	(D)	(D)
31	Leather and leather products.....	9,682	1,768	7,914	1,589	337	1,252	1,154	154	1,000
32	Stone, clay and glass products.....	19,882	8,016	11,866	704	115	589	767	249	518
33	Primary metal industries.....	34,485	6,910	27,575	46	8	38	1,260	506	754
34	Fabricated metal products.....	36,418	8,725	27,693	570	124	446	277	82	195
35	Machinery, except electrical.....	61,660	16,351	45,309	937	374	563	3,354	1,066	2,288
36	Electrical machinery.....	40,732	10,808	29,924	(D)	...	(D)	2,256	440	1,816
37	Transportation equipment.....	37,989	14,151	23,838	1,160	227	933	7	2	5
38	Instruments and related products...	17,083	5,956	11,127	(D)	...	(D)	58	19	39
39	Miscellaneous manufactures ¹	18,101	3,842	14,259	212	35	177	749	96	653
		Vermont			Massachusetts			Rhode Island		
	Total.....	11,598	3,334	8,264	221,501	59,597	161,904	29,515	6,576	22,939
20	Food and kindred products.....	1,501	425	1,076	20,054	5,500	14,554	3,237	810	2,427
21	Tobacco products.....	...	...	...	12	10	2	(D)	(D)	...
22	Textile mill products.....	74	3	71	11,079	2,538	8,541	4,783	708	4,075
23	Apparel and related products.....	56	3	53	3,763	1,114	2,649	280	79	201
24	Lumber and wood products.....	1,467	527	940	1,508	489	1,019	78	33	45
25	Furniture and fixtures.....	(D)	(D)	(D)	1,678	525	1,153	(D)	(D)	(D)
26	Paper and allied products.....	892	116	776	17,080	3,611	13,469	750	415	335
27	Printing and publishing.....	671	134	537	22,647	8,715	13,932	1,705	656	1,049
28	Chemicals and allied products.....	91	9	82	16,424	2,946	13,478	2,008	443	1,565
29	Petroleum and coal products.....	(D)	(D)	(D)	1,209	938	271	303	277	26
30	Rubber and plastics products, nec..	(D)	(D)	(D)	12,358	2,053	10,305	2,044	205	1,839
31	Leather and leather products.....	102	28	74	6,188	1,177	5,011	125	42	83
32	Stone, clay and glass products.....	1,059	251	808	12,265	5,485	6,780	615	132	483
33	Primary metal industries.....	153	33	120	9,728	1,625	8,103	2,769	205	2,564
34	Fabricated metal products.....	136	27	109	13,154	2,798	10,356	2,094	555	1,539
35	Machinery, except electrical.....	1,768	297	1,471	21,973	4,150	17,823	2,679	187	2,492
36	Electrical machinery.....	(D)	(D)	(D)	26,349	7,206	19,143	675	78	597
37	Transportation equipment.....	(D)	(D)	...	6,883	3,209	3,674	(D)	(D)	(D)
38	Instruments and related products...	(D)	(D)	(D)	11,537	4,570	6,967	378	75	303
39	Miscellaneous manufactures ¹	458	196	262	5,612	938	4,674	4,047	1,067	2,980
		Connecticut			Middle Atlantic Division			New York		
	Total.....	195,204	60,453	134,751	1,907,666	624,714	1,282,952	676,852	206,754	470,098
20	Food and kindred products.....	5,924	1,638	4,286	185,998	56,183	129,815	83,553	25,240	58,313
21	Tobacco products.....	(D)	(D)	(D)	4,105	511	3,594	16	(D)	(D)
22	Textile mill products.....	3,200	445	2,755	40,130	7,780	32,350	16,622	3,173	13,449
23	Apparel and related products.....	925	216	709	43,956	11,562	32,394	29,249	8,610	20,639
24	Lumber and wood products.....	1,090	380	710	13,468	4,985	8,483	6,347	2,227	4,120
25	Furniture and fixtures.....	650	243	407	15,414	6,390	9,024	7,418	2,855	4,563
26	Paper and allied products.....	24,079	8,789	15,290	94,676	22,634	72,042	33,487	4,862	28,625
27	Printing and publishing.....	7,014	2,466	4,548	106,900	27,833	79,067	65,387	19,011	46,376
28	Chemicals and allied products.....	15,957	6,894	9,063	230,177	70,711	159,466	51,471	12,407	39,064
29	Petroleum and coal products.....	(D)	(D)	(D)	100,136	85,963	14,173	9,734	7,968	1,766
30	Rubber and plastics products, nec..	8,638	2,083	6,555	34,295	7,725	26,570	13,061	3,419	9,642
31	Leather and leather products.....	524	30	494	9,073	2,204	6,869	5,057	(D)	(D)
32	Stone, clay and glass products.....	4,472	1,784	2,688	92,382	24,325	68,057	32,692	7,593	25,099
33	Primary metal industries.....	20,529	4,533	15,996	395,092	138,457	256,635	64,783	24,943	39,840
34	Fabricated metal products.....	20,187	5,139	15,048	115,252	43,700	71,552	48,880	22,377	26,503
35	Machinery, except electrical.....	30,949	10,277	20,672	133,056	38,693	94,363	70,081	22,566	47,515
36	Electrical machinery.....	9,045	2,012	7,033	118,671	26,933	91,738	37,769	8,259	29,510
37	Transportation equipment.....	29,746	10,647	19,099	61,494	15,709	45,785	30,339	7,889	22,450
38	Instruments and related products...	4,952	1,214	3,738	65,277	20,252	45,025	41,512	13,760	27,752
39	Miscellaneous manufactures ¹	7,023	1,510	5,513	48,114	12,164	35,950	29,394	8,434	20,960

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958--Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment
		New Jersey			Pennsylvania			East North Central Division		
	Total.....	432,395	148,802	283,593	798,419	269,159	529,260	2,607,758	862,835	1,744,923
20	Food and kindred products.....	41,104	12,879	28,225	61,341	18,064	43,277	225,656	67,147	158,509
21	Tobacco products.....	301	41	260	3,788	468	3,320	(D)	(D)	(D)
22	Textile mill products.....	7,951	1,396	6,555	15,557	3,211	12,346	(D)	(D)	(D)
23	Apparel and related products.....	7,307	1,501	5,806	7,400	1,452	5,948	8,611	2,619	5,992
24	Lumber and wood products.....	1,514	551	963	5,607	2,207	3,400	17,878	6,426	11,452
25	Furniture and fixtures.....	1,840	604	1,236	6,156	2,931	3,224	21,543	6,745	14,798
26	Paper and allied products.....	17,317	4,700	12,617	43,872	13,072	30,800	134,274	35,575	98,699
27	Printing and publishing.....	12,289	3,437	8,852	29,224	5,385	23,839	117,270	40,785	76,485
28	Chemicals and allied products.....	121,775	43,540	78,235	56,931	14,764	42,167	195,599	57,994	137,605
29	Petroleum and coal products.....	51,004	43,414	7,590	39,398	34,581	4,817	123,228	105,499	17,729
30	Rubber and plastics products, nec..	12,631	3,055	9,576	8,603	1,251	7,352	80,405	14,765	65,640
31	Leather and leather products.....	1,137	233	904	2,879	812	2,067	5,463	1,349	4,114
32	Stone, clay and glass products.....	16,374	4,445	11,929	43,316	12,287	31,029	109,275	28,998	80,277
33	Primary metal industries.....	22,423	3,874	18,549	307,886	109,640	198,246	616,812	260,253	536,559
34	Fabricated metal products.....	20,326	5,010	15,316	46,046	16,313	29,733	159,781	48,183	111,598
35	Machinery, except electrical.....	20,898	5,552	15,346	42,077	10,575	31,502	297,376	76,613	220,763
36	Electrical machinery.....	42,274	8,422	33,852	38,628	10,252	28,376	160,431	55,750	104,681
37	Transportation equipment.....	13,494	2,227	11,267	17,661	5,593	12,068	277,831	36,222	241,609
38	Instruments and related products...	13,348	2,669	10,679	10,417	3,823	6,594	20,835	7,863	12,972
39	Miscellaneous manufactures ¹	7,088	1,252	5,836	11,632	2,478	9,154	25,187	7,402	17,785
		Ohio			Indiana			Illinois		
	Total.....	784,644	234,072	550,572	490,203	227,739	262,464	697,273	244,240	453,033
20	Food and kindred products.....	47,892	11,396	36,496	30,166	9,363	20,803	77,174	23,200	53,974
21	Tobacco products.....	115	33	82	(D)	(D)	(D)	(D)	(D)	(D)
22	Textile mill products.....	2,605	950	1,655	(D)	(D)	(D)	1,976	304	1,672
23	Apparel and related products.....	1,596	518	1,078	790	125	665	3,443	1,070	2,373
24	Lumber and wood products.....	3,295	1,452	1,843	3,298	1,160	2,138	2,532	966	1,566
25	Furniture and fixtures.....	5,000	2,141	2,859	5,118	1,201	3,917	5,982	1,602	4,380
26	Paper and allied products.....	26,260	6,239	20,021	9,517	1,901	7,616	23,443	6,316	17,127
27	Printing and publishing.....	33,722	14,891	18,831	14,965	5,669	9,296	45,298	12,936	32,362
28	Chemicals and allied products.....	45,826	10,328	35,498	36,417	17,934	18,483	61,557	16,891	44,666
29	Petroleum and coal products.....	28,849	26,733	2,116	35,963	29,131	6,832	50,270	44,558	5,712
30	Rubber and plastics products, nec..	47,955	9,075	38,880	6,425	850	5,575	14,270	3,822	10,448
31	Leather and leather products.....	1,092	327	765	269	86	183	(D)	(D)	(D)
32	Stone, clay and glass products.....	40,790	10,513	30,277	22,802	6,154	16,648	25,245	6,822	18,423
33	Primary metal industries.....	199,863	60,491	139,372	206,927	130,293	76,634	142,762	57,442	85,320
34	Fabricated metal products.....	46,824	14,823	32,001	15,044	4,345	10,699	59,745	20,106	39,639
35	Machinery, except electrical.....	82,601	19,942	62,659	33,586	11,160	22,426	85,521	21,884	63,637
36	Electrical machinery.....	54,693	27,891	26,802	24,847	4,234	20,613	61,423	17,965	43,458
37	Transportation equipment.....	107,876	14,503	93,373	39,185	2,033	37,152	16,212	2,611	13,601
38	Instruments and related products...	2,314	446	1,868	757	115	642	9,059	2,386	6,673
39	Miscellaneous manufactures ¹	5,496	1,382	4,114	3,716	1,827	1,889	9,427	2,802	6,625
		Michigan			Wisconsin			West North Central Division		
	Total.....	444,030	103,437	340,593	191,608	53,347	138,261	515,187	187,132	328,055
20	Food and kindred products.....	34,912	12,346	22,566	35,532	10,842	24,690	123,787	39,382	84,405
21	Tobacco products.....	(D)	(D)	(D)	21	11	10	(D)	(D)	(D)
22	Textile mill products.....	4,175	993	3,182	861	184	677	(D)	(D)	(D)
23	Apparel and related products.....	2,278	800	1,478	504	106	398	3,096	956	2,140
24	Lumber and wood products.....	4,298	1,407	2,891	4,455	1,441	3,014	6,938	2,755	4,183
25	Furniture and fixtures.....	3,943	1,364	2,579	1,500	437	1,063	2,465	822	1,643
26	Paper and allied products.....	47,090	16,391	30,699	27,964	4,728	23,236	25,798	5,370	20,428
27	Printing and publishing.....	11,517	3,564	7,953	11,768	3,725	8,043	32,905	13,097	19,808
28	Chemicals and allied products.....	48,077	11,877	36,200	3,722	964	2,758	45,200	12,171	33,029
29	Petroleum and coal products.....	5,690	2,995	2,695	2,456	2,082	374	32,496	21,892	10,604
30	Rubber and plastics products, nec..	6,002	640	5,362	5,753	378	5,375	11,257	4,852	6,405
31	Leather and leather products.....	(D)	(D)	(D)	1,773	357	1,416	1,708	251	1,457
32	Stone, clay and glass products.....	14,669	4,189	10,480	5,769	1,320	4,449	43,693	14,848	28,845
33	Primary metal industries.....	59,442	10,326	49,116	7,818	1,701	6,117	19,160	3,234	15,926
34	Fabricated metal products.....	24,311	5,646	18,665	13,857	3,263	10,594	20,911	5,672	15,239
35	Machinery, except electrical.....	60,699	14,058	46,641	34,969	9,569	25,400	48,094	16,707	31,387
36	Electrical machinery.....	6,896	1,609	5,287	12,572	4,051	8,521	38,439	16,856	21,583
37	Transportation equipment.....	103,920	14,177	89,743	10,638	2,898	7,740	38,071	20,765	17,306
38	Instruments and related products...	1,434	276	1,158	7,271	4,640	2,631	4,103	816	3,287
39	Miscellaneous manufactures ¹	4,143	1,576	2,567	2,405	650	1,755	15,834	6,596	9,238

See footnotes at end of table.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-19

Table 5.--Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958--Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment
		Minnesota			Iowa			Missouri		
	Total.....	108,521	33,799	72,722	99,866	38,431	61,435	164,670	50,710	113,960
20	Food and kindred products.....	31,341	10,164	21,177	34,673	10,227	24,446	27,095	6,987	20,108
21	Tobacco products.....	(D)	(D)	(D)	...	...	...	(D)	(D)	(D)
22	Textile mill products.....	569	28	541	19	5	14	(D)	(D)	(D)
23	Apparel and related products.....	488	96	392	578	333	245	1,620	388	1,232
24	Lumber and wood products.....	2,442	827	1,615	1,257	436	821	2,500	1,138	1,362
25	Furniture and fixtures.....	457	168	289	589	171	418	904	293	611
26	Paper and allied products.....	18,492	3,854	14,638	1,349	284	1,065	4,109	396	3,713
27	Printing and publishing.....	7,139	1,942	5,197	9,583	6,374	3,209	8,399	2,353	6,046
28	Chemicals and allied products.....	7,301	2,365	4,936	4,457	1,402	3,055	21,206	4,265	16,941
29	Petroleum and coal products.....	1,251	454	797	(D)	(D)	(D)	1,528	1,214	314
30	Rubber and plastics products, nec..	908	247	661	(D)	(D)	(D)	1,453	177	1,276
31	Leather and leather products.....	(D)	(D)	(D)	(D)	(D)	(D)	1,395	223	1,172
32	Stone, clay and glass products.....	6,638	1,974	4,664	10,423	4,940	5,483	14,877	5,131	9,746
33	Primary metal industries.....	2,392	262	1,766	2,352	325	2,027	12,940	1,969	10,971
34	Fabricated metal products.....	4,916	1,029	3,887	3,906	1,056	2,850	7,790	1,901	5,889
35	Machinery, except electrical.....	14,427	6,535	7,892	13,582	4,716	8,866	14,107	3,114	10,993
36	Electrical machinery.....	2,463	1,134	1,329	(D)	(D)	(D)	4,988	678	4,310
37	Transportation equipment.....	1,436	403	1,033	1,467	535	932	31,189	18,725	12,464
38	Instruments and related products...	2,458	490	1,968	(D)	(D)	(D)	829	191	638
39	Miscellaneous manufactures ¹	3,129	1,447	1,682	4,672	3,413	1,259	7,483	1,518	5,965
		North Dakota			South Dakota			Nebraska		
	Total.....	9,142	6,476	2,666	5,211	1,815	3,396	49,906	20,278	29,628
20	Food and kindred products.....	2,107	705	1,402	3,124	1,022	2,102	13,454	4,641	8,813
21	Tobacco products.....	...	...	...	...	...	...	...	...	...
22	Textile mill products.....	...	...	...	...	...	...	(D)	(D)	(D)
23	Apparel and related products.....	(D)	...	(D)	(D)	(D)	...	(D)	(D)	(D)
24	Lumber and wood products.....	17	10	7	365	127	238	198	139	59
25	Furniture and fixtures.....	...	...	...	10	7	3	147	41	106
26	Paper and allied products.....	(D)	(D)	...	(D)	...	(D)	(D)	(D)	(D)
27	Printing and publishing.....	688	489	199	557	276	281	2,546	442	2,104
28	Chemicals and allied products.....	...	...	...	(D)	(D)	(D)	(D)	(D)	(D)
29	Petroleum and coal products.....	(D)	(D)	(D)	...	...	...	(D)	(D)	(D)
30	Rubber and plastics products, nec..	...	...	...	(D)	...	(D)	402	32	370
31	Leather and leather products.....	...	...	...	(D)	(D)	(D)	(D)	(D)	...
32	Stone, clay and glass products.....	691	135	556	526	189	337	3,111	1,119	1,992
33	Primary metal industries.....	...	...	...	...	...	...	(D)	(D)	(D)
34	Fabricated metal products.....	201	90	111	87	11	76	2,136	678	1,458
35	Machinery, except electrical.....	(D)	(D)	(D)	(D)	(D)	(D)	1,211	459	752
36	Electrical machinery.....	...	...	...	(D)	...	(D)	(D)	(D)	(D)
37	Transportation equipment.....	(D)	(D)	...	(D)	(D)	(D)	982	597	385
38	Instruments and related products...	...	...	...	...	...	...	(D)	(D)	(D)
39	Miscellaneous manufactures ¹	90	71	19	(D)	(D)	(D)	275	64	211
		Kansas			South Atlantic Division			Delaware		
	Total.....	77,871	35,623	42,248	988,782	260,529	728,253	27,311	8,488	18,823
20	Food and kindred products.....	11,993	5,636	6,357	111,184	33,401	77,783	3,439	1,125	2,314
21	Tobacco products.....	...	...	...	23,747	3,917	19,830	...	...	...
22	Textile mill products.....	(D)	(D)	(D)	115,384	19,251	96,133	512	37	475
23	Apparel and related products.....	265	86	179	11,374	3,166	8,208	90	27	63
24	Lumber and wood products.....	159	78	81	45,653	16,465	29,188	441	145	296
25	Furniture and fixtures.....	358	142	216	15,725	6,599	9,126	3	3	...
26	Paper and allied products.....	1,521	780	741	134,992	25,332	109,660	(D)	(D)	(D)
27	Printing and publishing.....	3,993	1,221	2,772	41,341	14,328	27,013	318	64	254
28	Chemicals and allied products.....	11,329	3,985	7,344	179,733	35,397	144,336	9,211	1,480	7,731
29	Petroleum and coal products.....	24,373	15,276	9,097	8,446	5,436	3,010	(D)	(D)	(D)
30	Rubber and plastics products, nec..	(D)	(D)	(D)	12,772	2,613	10,159	621	112	509
31	Leather and leather products.....	(D)	...	(D)	1,414	276	1,138	215	(D)	(D)
32	Stone, clay and glass products.....	7,427	1,360	6,067	50,462	13,200	37,262	452	111	341
33	Primary metal industries.....	1,345	280	1,065	93,529	28,248	65,281	2,939	464	2,475
34	Fabricated metal products.....	1,875	907	968	26,684	7,304	19,380	772	174	598
35	Machinery, except electrical.....	4,129	1,599	2,530	18,838	7,802	11,036	967	202	765
36	Electrical machinery.....	465	36	429	22,498	7,841	14,657	(D)	(D)	(D)
37	Transportation equipment.....	2,909	491	2,418	53,648	22,983	30,665	(D)	(D)	(D)
38	Instruments and related products...	(D)	(D)	(D)	4,387	2,251	2,136	(D)	(D)	(D)
39	Miscellaneous manufactures ¹	(D)	(D)	(D)	16,971	4,719	12,252	(D)	(D)	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 5.—Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958—Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment
		Maryland			District of Columbia			Virginia		
	Total.....	120,899	42,598	78,301	14,732	5,680	9,052	141,641	30,541	111,100
20	Food and kindred products.....	14,641	3,494	11,147	2,860	436	2,424	14,213	4,451	9,762
21	Tobacco products.....	(D)	(D)	(D)	...	...	...	6,786	1,490	5,296
22	Textile mill products.....	679	279	400	...	...	...	7,033	755	6,278
23	Apparel and related products.....	1,607	522	1,085	25	17	8	1,112	401	711
24	Lumber and wood products.....	1,473	535	938	20	13	7	7,534	2,856	4,678
25	Furniture and fixtures.....	643	190	453	9	6	3	3,462	1,105	2,357
26	Paper and allied products.....	15,493	2,722	12,771	(D)	(D)	(D)	32,222	5,726	26,496
27	Printing and publishing.....	3,297	925	2,372	10,298	4,956	5,342	3,330	883	2,447
28	Chemicals and allied products.....	12,769	5,457	7,312	43	13	30	41,354	4,538	36,816
29	Petroleum and coal products.....	1,730	696	1,034	...	...	...	(D)	(D)	(D)
30	Rubber and plastics products, nec..	6,178	1,464	4,714	(D)	(D)	(D)	2,497	103	2,394
31	Leather and leather products.....	132	(D)	(D)	...	...	...	225	31	194
32	Stone, clay and glass products.....	6,720	1,505	5,215	561	35	526	4,185	1,076	3,109
33	Primary metal industries.....	22,651	12,877	9,774	...	...	...	1,772	340	1,432
34	Fabricated metal products.....	5,371	1,460	3,911	130	68	62	2,997	829	2,168
35	Machinery, except electrical.....	4,915	2,716	2,199	79	46	33	1,744	502	1,242
36	Electrical machinery.....	5,614	967	4,647	(D)	(D)	(D)	1,225	156	1,069
37	Transportation equipment.....	12,369	4,333	8,036	(D)	(D)	...	(D)	(D)	(D)
38	Instruments and related products...	(D)	(D)	(D)	15	7	8	1,054	571	483
39	Miscellaneous manufactures ¹	2,349	1,199	1,150	55	49	6	1,105	131	974
		West Virginia			North Carolina			South Carolina		
	Total.....	167,199	37,385	129,814	168,612	41,716	126,896	75,159	15,295	59,864
20	Food and kindred products.....	4,998	1,205	3,793	16,378	4,819	11,559	4,311	1,145	3,166
21	Tobacco products.....	253	23	230	(D)	(D)	(D)	(D)	(D)	(D)
22	Textile mill products.....	120	8	112	48,666	7,908	40,758	30,349	4,231	26,118
23	Apparel and related products.....	140	47	93	2,312	436	1,876	1,647	488	1,159
24	Lumber and wood products.....	2,653	1,080	1,573	11,222	4,250	6,972	5,761	1,865	3,896
25	Furniture and fixtures.....	395	265	130	7,519	3,658	3,861	724	277	447
26	Paper and allied products.....	516	88	428	23,613	6,741	16,872	17,548	2,605	14,943
27	Printing and publishing.....	2,638	917	1,721	5,203	1,317	3,886	815	301	514
28	Chemicals and allied products.....	78,203	15,989	62,214	12,602	2,743	9,859	3,802	569	3,233
29	Petroleum and coal products.....	653	144	509	95	32	63	(D)	(D)	(D)
30	Rubber and plastics products, nec..	(D)	(D)	(D)	1,334	191	1,143	606	91	515
31	Leather and leather products.....	75	7	68	354	191	163	13	(D)	(D)
32	Stone, clay and glass products.....	6,942	1,677	5,265	4,418	1,363	3,055	4,212	1,542	2,670
33	Primary metal industries.....	61,341	13,852	47,489	2,600	471	2,129	175	36	139
34	Fabricated metal products.....	4,383	660	3,723	2,108	773	1,335	968	397	571
35	Machinery, except electrical.....	955	323	632	3,475	1,161	2,314	1,569	623	946
36	Electrical machinery.....	1,791	798	993	6,698	2,278	4,420	917	295	622
37	Transportation equipment.....	866	238	628	706	269	437	78	61	17
38	Instruments and related products...	46	15	31	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufactures ¹	(D)	(D)	(D)	4,092	835	3,257	661	506	155
		Georgia			Florida			East South Central Division		
	Total.....	152,440	43,558	108,882	120,789	35,268	85,521	474,408	123,424	350,984
20	Food and kindred products.....	31,743	11,189	20,554	18,601	5,537	13,064	51,984	16,641	35,343
21	Tobacco products.....	(D)	...	(D)	770	51	719	9,621	2,921	6,700
22	Textile mill products.....	27,795	5,978	21,817	230	55	175	15,204	1,846	13,358
23	Apparel and related products.....	3,593	908	2,685	848	320	528	6,054	1,777	4,277
24	Lumber and wood products.....	11,125	4,094	7,031	5,424	1,627	3,797	24,134	8,848	15,286
25	Furniture and fixtures.....	1,300	398	902	1,670	697	973	7,132	2,408	4,724
26	Paper and allied products.....	14,362	1,285	13,077	30,217	6,138	24,079	50,244	9,997	40,247
27	Printing and publishing.....	6,789	2,275	4,514	8,653	2,690	5,963	13,846	5,041	8,805
28	Chemicals and allied products.....	12,116	1,661	10,455	9,633	2,947	6,686	94,095	11,846	82,249
29	Petroleum and coal products.....	575	121	454	619	180	439	5,018	2,941	2,077
30	Rubber and plastics products, nec..	576	246	330	873	389	484	6,834	365	6,469
31	Leather and leather products.....	281	10	271	119	18	101	1,771	597	1,174
32	Stone, clay and glass products.....	7,541	1,577	5,964	15,431	4,314	11,117	24,770	5,917	18,853
33	Primary metal industries.....	1,164	70	1,094	887	138	749	96,107	34,405	61,702
34	Fabricated metal products.....	2,378	815	1,563	7,577	2,128	5,449	18,443	4,950	13,493
35	Machinery, except electrical.....	2,266	993	1,273	2,868	1,236	1,632	21,289	5,493	15,796
36	Electrical machinery.....	1,405	773	632	4,615	2,552	2,063	12,466	2,532	9,934
37	Transportation equipment.....	25,526	10,490	15,036	4,316	2,592	1,724	9,950	3,006	6,944
38	Instruments and related products...	(D)	(D)	(D)	400	251	149	2,136	553	1,583
39	Miscellaneous manufactures ¹	1,384	518	866	7,038	1,408	5,630	3,310	1,340	1,970

See footnotes at end of table.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-21

Table 5.--Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958--Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment
		Kentucky			Tennessee			Alabama		
	Total.....	108,855	28,698	80,157	143,130	34,248	108,882	164,478	46,581	117,897
20	Food and kindred products.....	17,807	5,990	11,817	15,885	4,050	11,835	10,665	3,713	6,952
21	Tobacco products.....	9,380	2,854	6,526	100	10	90	141	57	84
22	Textile mill products.....	997	45	952	6,151	1,098	5,053	7,023	637	6,386
23	Apparel and related products.....	1,153	611	542	1,682	247	1,435	1,611	441	1,170
24	Lumber and wood products.....	2,687	1,154	1,533	5,183	2,068	3,115	8,637	3,333	5,304
25	Furniture and fixtures.....	1,054	280	774	2,514	584	1,930	1,535	207	1,328
26	Paper and allied products.....	3,634	1,744	1,890	17,621	4,868	12,753	14,652	784	13,868
27	Printing and publishing.....	3,947	1,227	2,720	6,426	2,504	3,922	2,228	753	1,475
28	Chemicals and allied products.....	19,711	2,768	16,943	48,123	6,485	41,638	15,264	1,743	13,521
29	Petroleum and coal products.....	1,743	1,214	529	(D)	(D)	1,417	1,417	187	1,230
30	Rubber and plastics products, nec.....	(D)	(D)	(D)	2,815	177	2,638	3,108	94	3,014
31	Leather and leather products.....	144	62	82	1,357	506	851	(D)	(D)	(D)
32	Stone, clay and glass products.....	4,427	1,060	3,367	7,078	1,496	5,582	9,900	2,165	7,735
33	Primary metal industries.....	14,127	4,593	9,534	5,357	1,054	4,303	76,248	28,675	47,573
34	Fabricated metal products.....	8,103	1,882	6,221	3,520	1,068	2,452	5,642	1,694	3,948
35	Machinery, except electrical.....	13,051	2,552	10,499	4,474	1,400	3,074	2,734	1,130	1,604
36	Electrical machinery.....	4,998	376	4,622	5,806	2,012	3,794	589	69	520
37	Transportation equipment.....	997	94	903	4,085	2,235	1,850	2,093	455	1,638
38	Instruments and related products.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufactures ¹	393	120	273	1,687	749	938	862	418	444
		Mississippi			West South Central Division			Arkansas		
	Total.....	57,945	13,897	44,048	862,063	345,488	516,575	47,734	15,993	31,741
20	Food and kindred products.....	7,627	2,888	4,739	71,378	20,034	51,344	5,576	1,587	3,989
21	Tobacco products.....	...	...	...	68	25	43	...	...	...
22	Textile mill products.....	1,033	66	967	3,434	501	2,933	649	23	626
23	Apparel and related products.....	1,608	478	1,130	3,971	1,087	2,884	309	41	268
24	Lumber and wood products.....	7,627	2,293	5,334	21,805	6,129	15,676	6,952	2,150	4,802
25	Furniture and fixtures.....	2,029	1,337	692	4,792	1,579	3,213	2,934	314	920
26	Paper and allied products.....	14,337	2,601	11,736	53,440	8,073	45,367	9,575	1,350	8,225
27	Printing and publishing.....	1,245	557	688	18,322	7,690	10,632	2,207	478	1,729
28	Chemicals and allied products.....	10,997	850	10,147	257,408	57,297	200,111	4,317	441	3,876
29	Petroleum and coal products.....	(D)	(D)	(D)	262,928	189,253	73,675	5,222	4,555	667
30	Rubber and plastics products, nec.....	(D)	(D)	(D)	6,446	1,590	4,856	(D)	(D)	(D)
31	Leather and leather products.....	(D)	(D)	(D)	716	141	575	404	75	329
32	Stone, clay and glass products.....	3,365	1,196	2,169	41,089	8,924	32,165	2,178	544	1,634
33	Primary metal industries.....	375	83	292	19,223	6,610	12,613	703	103	600
34	Fabricated metal products.....	1,178	306	872	23,468	8,600	14,868	1,492	424	1,068
35	Machinery, except electrical.....	1,030	411	619	29,685	10,766	18,919	700	339	361
36	Electrical machinery.....	1,073	75	998	8,970	2,926	6,044	1,568	438	1,130
37	Transportation equipment.....	2,775	222	2,553	24,142	8,125	16,017	502	265	237
38	Instruments and related products.....	13	7	6	2,482	658	1,824	(D)	(D)	(D)
39	Miscellaneous manufactures ¹	368	53	315	8,296	5,480	2,816	3,137	2,783	354
		Louisiana			Oklahoma			Texas		
	Total.....	164,044	61,475	102,569	61,927	29,026	32,901	588,358	238,994	349,364
20	Food and kindred products.....	15,635	4,299	11,336	8,191	2,011	6,180	41,976	12,137	29,839
21	Tobacco products.....	(D)	(D)	(D)	...	...	...	(D)	(D)	(D)
22	Textile mill products.....	(D)	(D)	(D)	(D)	(D)	(D)	2,583	463	2,120
23	Apparel and related products.....	672	107	565	333	158	175	2,657	781	1,876
24	Lumber and wood products.....	6,516	1,565	4,951	463	186	277	7,874	2,228	5,646
25	Furniture and fixtures.....	201	103	98	398	206	192	2,959	956	2,003
26	Paper and allied products.....	12,396	1,058	11,338	374	75	299	31,095	5,590	25,505
27	Printing and publishing.....	1,673	625	1,048	2,310	737	1,573	12,132	5,850	6,282
28	Chemicals and allied products.....	55,879	9,701	46,178	383	151	232	196,829	47,004	149,825
29	Petroleum and coal products.....	58,354	40,359	17,995	22,072	17,380	4,692	177,280	126,959	50,321
30	Rubber and plastics products, nec.....	86	34	52	(D)	(D)	(D)	3,324	1,428	1,896
31	Leather and leather products.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32	Stone, clay and glass products.....	5,449	1,079	4,370	10,441	937	9,504	23,021	6,364	16,657
33	Primary metal industries.....	745	62	683	1,936	1,259	677	15,839	5,186	10,653
34	Fabricated metal products.....	2,083	740	1,343	5,428	2,909	2,519	14,465	4,527	9,938
35	Machinery, except electrical.....	1,763	710	1,053	3,320	1,553	1,767	23,902	8,164	15,738
36	Electrical machinery.....	48	5	43	2,419	789	1,630	4,935	1,694	3,241
37	Transportation equipment.....	1,770	799	971	1,010	331	679	20,860	6,730	14,130
38	Instruments and related products.....	42	11	31	(D)	(D)	(D)	2,028	573	1,455
39	Miscellaneous manufactures ¹	467	183	284	374	215	159	4,318	2,299	2,019

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958--Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment
		Mountain Division			Montana			Idaho		
	Total.....	170,712	67,814	102,898	21,693	12,081	9,612	18,409	5,110	13,299
20	Food and kindred products.....	31,417	8,797	22,620	2,094	597	1,497	7,207	1,575	5,632
21	Tobacco products.....	...	...	...	...	...	...	...	...	...
22	Textile mill products.....	70	(D)	(D)	(D)	(D)	...	...	...	...
23	Apparel and related products.....	506	228	278	(D)	(D)	(D)	(D)	...	(D)
24	Lumber and wood products.....	18,974	7,196	11,778	6,756	2,964	3,792	5,958	1,575	4,383
25	Furniture and fixtures.....	1,073	353	720	8	5	3	51	41	10
26	Paper and allied products.....	4,269	1,634	2,635	(D)	(D)	(D)	(D)	(D)	(D)
27	Printing and publishing.....	9,740	3,312	6,428	1,362	943	419	378	175	203
28	Chemicals and allied products.....	8,101	1,909	6,192	(D)	(D)	(D)	527	16	511
29	Petroleum and coal products.....	21,123	17,163	3,960	6,528	5,971	557	(D)	(D)	(D)
30	Rubber and plastics products, nec..	(D)	(D)	(D)	...	...	...	(D)	(D)	(D)
31	Leather and leather products.....	568	75	493	(D)	(D)	...	(D)	(D)	(D)
32	Stone, clay and glass products.....	13,858	4,775	9,083	(D)	(D)	(D)	(D)	(D)	(D)
33	Primary metal industries.....	23,895	4,579	19,316	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	5,557	2,721	2,836	149	72	77	182	46	136
35	Machinery, except electrical.....	10,096	4,805	5,291	228	164	64	523	288	235
36	Electrical machinery.....	2,626	751	1,875	(D)	(D)	...	...	...	...
37	Transportation equipment.....	4,799	2,898	1,901	32	8	24	(D)	(D)	(D)
38	Instruments and related products...	(D)	(D)	(D)	(D)	...	...	...	...	...
39	Miscellaneous manufactures ¹	9,110	4,651	4,459	56	32	24	160	61	99
		Wyoming			Colorado			New Mexico		
	Total.....	6,985	5,361	1,624	45,833	17,656	28,177	15,423	5,683	9,740
20	Food and kindred products.....	627	179	448	10,186	2,812	7,374	2,244	688	1,556
21	Tobacco products.....	...	...	...	...	...	...	...	...	...
22	Textile mill products.....	...	...	...	(D)	...	(D)	(D)	...	(D)
23	Apparel and related products.....	...	...	...	158	54	104	35	9	26
24	Lumber and wood products.....	529	228	301	2,691	1,368	1,323	818	274	544
25	Furniture and fixtures.....	...	...	...	185	93	92	103	49	54
26	Paper and allied products.....	...	...	...	1,002	705	297	...	...	...
27	Printing and publishing.....	273	138	135	2,678	803	1,875	1,388	400	988
28	Chemicals and allied products.....	31	7	24	995	265	730	974	202	772
29	Petroleum and coal products.....	4,681	4,506	175	3,220	2,601	619	2,780	1,142	1,638
30	Rubber and plastics products, nec..	(D)	(D)	...	(D)	(D)	(D)	...	...	...
31	Leather and leather products.....	...	...	...	(D)	(D)	(D)	(D)	(D)	(D)
32	Stone, clay and glass products.....	525	140	385	3,541	772	2,769	1,611	289	1,322
33	Primary metal industries.....	...	...	...	(D)	(D)	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	103	54	49	1,689	866	823	468	66	402
35	Machinery, except electrical.....	169	86	83	3,936	1,456	2,480	463	236	227
36	Electrical machinery.....	(D)	...	(D)	603	202	401	(D)	(D)	(D)
37	Transportation equipment.....	(D)	(D)	(D)	789	145	644	(D)	(D)	(D)
38	Instruments and related products...	(D)	(D)	(D)	102	40	62	(D)	(D)	(D)
39	Miscellaneous manufactures ¹	3	...	3	3,803	1,972	1,831	(D)	(D)	(D)
		Arizona			Utah			Nevada		
	Total.....	27,698	7,652	20,046	29,516	12,460	17,056	5,155	1,811	3,344
20	Food and kindred products.....	4,324	1,593	2,731	4,079	1,201	2,878	656	152	504
21	Tobacco products.....	...	...	...	...	...	...	...	...	...
22	Textile mill products.....	...	...	...	(D)	...	(D)	...	...	...
23	Apparel and related products.....	172	59	113	113	88	25	14	(D)	(D)
24	Lumber and wood products.....	1,478	438	1,040	653	324	329	91	25	66
25	Furniture and fixtures.....	212	97	115	452	49	403	(D)	(D)	(D)
26	Paper and allied products.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
27	Printing and publishing.....	2,605	544	2,061	776	213	563	280	96	184
28	Chemicals and allied products.....	510	256	254	2,608	657	1,951	(D)	(D)	(D)
29	Petroleum and coal products.....	(D)	...	(D)	3,861	2,931	930	...	...	...
30	Rubber and plastics products, nec..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...
31	Leather and leather products.....	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...
32	Stone, clay and glass products.....	2,211	620	1,591	2,854	1,612	1,242	1,738	954	784
33	Primary metal industries.....	(D)	(D)	(D)	6,517	953	5,564	(D)	(D)	(D)
34	Fabricated metal products.....	777	273	504	2,034	1,242	792	155	102	53
35	Machinery, except electrical.....	3,459	1,943	1,516	1,200	569	631	118	63	55
36	Electrical machinery.....	1,331	274	1,057	660	265	395	(D)	(D)	(D)
37	Transportation equipment.....	(D)	(D)	(D)	2,838	2,247	591	(D)	(D)	...
38	Instruments and related products...	162	34	128	6	3	3	...	...	...
39	Miscellaneous manufactures ¹	(D)	(D)	(D)	705	75	630	100	29	71

See footnotes at end of table.

EXPENDITURES FOR PLANT AND EQUIPMENT

5-23

Table 5.--Manufacturers' Expenditures for New Plant and Equipment, for Establishments in Operation, by Divisions and States by Major Industry Group: 1958--Continued

(In thousands of dollars. For explanation of column captions see Introduction)

Code	Major industry group	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment
		Pacific Division			Washington		
	Total.....	1,024,093	389,583	634,510	160,445	78,483	81,962
20	Food and kindred products.....	125,443	34,914	90,529	15,357	4,521	10,836
21	Tobacco products.....	(D)	(D)	4	...	...	...
22	Textile mill products.....	2,860	518	2,342	81	48	33
23	Apparel and related products.....	7,080	2,611	4,469	351	132	219
24	Lumber and wood products.....	115,181	34,334	80,847	21,805	7,339	14,466
25	Furniture and fixtures.....	8,268	3,592	4,676	576	189	387
26	Paper and allied products.....	52,399	9,276	43,123	14,539	1,053	13,486
27	Printing and publishing.....	34,300	11,498	22,802	3,322	1,493	1,829
28	Chemicals and allied products.....	70,257	16,670	53,587	6,481	698	5,783
29	Petroleum and coal products.....	116,642	95,753	20,889	51,050	(D)	(D)
30	Rubber and plastics products, nec.....	(D)	(D)	(D)	(D)	(D)	(D)
31	Leather and leather products.....	1,341	424	917	(D)	(D)	(D)
32	Stone, clay and glass products.....	46,883	15,772	31,111	4,291	1,323	2,968
33	Primary metal industries.....	129,316	45,455	83,861	16,212	5,009	11,203
34	Fabricated metal products.....	51,870	15,048	36,822	2,993	963	2,030
35	Machinery, except electrical.....	56,325	21,080	35,245	2,768	1,123	1,645
36	Electrical machinery.....	45,093	18,033	27,060	614	126	488
37	Transportation equipment.....	100,270	42,524	57,746	18,971	8,539	10,432
38	Instruments and related products.....	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufactures ¹	38,308	15,714	22,594	422	(D)	(D)
		Oregon			California		
	Total.....	121,317	35,409	85,908	742,331	275,691	466,640
20	Food and kindred products.....	11,210	3,960	7,250	98,876	26,433	72,443
21	Tobacco products.....	...	...	...	(D)	(D)	4
22	Textile mill products.....	1,024	26	998	1,755	444	1,311
23	Apparel and related products.....	153	16	137	6,576	2,463	4,113
24	Lumber and wood products.....	59,209	15,436	43,773	34,167	11,559	22,608
25	Furniture and fixtures.....	272	108	164	7,420	3,295	4,125
26	Paper and allied products.....	11,342	1,708	9,634	26,518	6,515	20,003
27	Printing and publishing.....	1,621	621	1,000	29,357	9,384	19,973
28	Chemicals and allied products.....	2,414	118	2,296	61,362	15,854	45,508
29	Petroleum and coal products.....	82	20	62	65,510	50,306	15,204
30	Rubber and plastics products, nec.....	(D)	(D)	(D)	14,703	4,730	9,973
31	Leather and leather products.....	(D)	(D)	(D)	(D)	(D)	(D)
32	Stone, clay and glass products.....	2,604	1,099	1,505	39,988	13,350	26,638
33	Primary metal industries.....	21,048	7,634	13,414	92,056	32,812	59,244
34	Fabricated metal products.....	2,003	478	1,525	46,874	13,607	33,267
35	Machinery, except electrical.....	2,366	1,137	1,229	51,191	18,820	32,371
36	Electrical machinery.....	4,062	2,177	1,885	40,417	15,730	24,687
37	Transportation equipment.....	1,054	521	533	80,245	33,464	46,781
38	Instruments and related products.....	283	23	260	6,621	1,331	5,290
39	Miscellaneous manufactures ¹	461	309	152	37,425	15,202	22,223

D Withheld to avoid disclosing figures for individual companies.

¹Includes privately owned and/or operated establishments classified in Industry Group 19, "Ordnance and Accessories." Government-owned and operated establishments are excluded from the data.

FUELS AND ELECTRIC
ENERGY CONSUMED

6-1

Fuels and Electric Energy Consumed

General

The manufacturing industries consume a substantial part of the coal, coke, fuel oil, gas, and electric energy produced in the United States. These items are both a source of primary energy and, except for electric energy, represent important raw materials for further manufacture. Quantity statistics on fuels important to manufacturing were first published in the Census of Manufactures volumes for 1909 and subsequently for 1914, 1919, 1929, 1937, 1939, 1947, 1954, and 1958. Quantity statistics on electric energy purchased by manufacturers were first collected for 1929 and then in the subsequent Censuses. Cost data on fuel and electric energy were first published for 1929 although some data on costs had been collected in prior Censuses. Data on the quantity of electric energy generated by manufacturing plants were first collected for 1929 and then in the subsequent Censuses. Data on the quantity of electric energy generated by manufacturing plants were first collected and published for 1939. The data for this year also provide for the first time systematic statistics for fuels and electric energy purchased for heat and power separate from those purchased as materials.

Data on total fuel cost and purchased electric energy (quantity and cost) for intercensal years 1950-1953, 1955-1957, appear in the Annual Survey of Manufactures volumes. For the years 1950-1953, the statistics also contain quantity figures, prepared from Federal Power Commission data, of self-generated electric energy including the amount of kilowatt-hours sold or transferred. For the years 1955-1957 the data for generated electric energy exclude the amounts sold or transferred. Except for the 1950-1953 self-generated electricity statistics based on FPC figures, all of the intercensal statistics are estimates. A description of the sample, sampling technique, coverage, etc., for these years is included in the respective Annual Survey volumes.

The 1958 Census of Manufactures report form obtained separate figures on the quantity and cost of purchased coal, coke, fuel oil, and gas, and a summary figure on the cost of other fuels. Provision was made for reporting the

quantity and cost of electric energy purchased, the quantity and value of electric energy sold, and the quantity of electric energy generated. Separate statistics were also collected on important uses of fuels as raw materials, such as coal used in making coke.

For selected industries, the 1958 Census obtained separate reporting of fuels produced and consumed in the same establishment. Such fuels are primarily used by the producing establishments for heat and power. Separate statistics are shown in this chapter for the consumption of these fuels.

Scope of Detail Fuel Reporting in 1958 Census of Manufactures

In the more recent Censuses detailed cost and quantity fuel data were collected from all larger establishments excluding only the larger establishments classified in the "Apparel" and "Printing and Publishing" industries. Most small establishments did not report a detailed fuels inquiry although the final published totals included Census estimates of detail fuels consumed by these smaller establishments.

Experience with the detail fuel inquiry indicated that establishments reporting small quantities of detail fuel contributed very little to the totals; further, such establishments often furnished invalid or no responses requiring Census corrections and imputations. Therefore, for the 1958 Census, detail quantity and cost fuel reports were obtained more selectively than in the past.

The criteria used in determining which establishments would report detailed fuel data in 1958 were based on both an industry and establishment size basis. Detailed fuel data, as determined from the 1954 statistics, were requested from establishments classified in the following industries: (1) those, when arrayed by size, accounted for 90 percent of any given fuel; (2) those, where the average fuel consumption per establishment was \$100,000 or more even if the industry total fell under the 90 percent cutoff.

The list of excluded industries also comprised those for which the number of establishments exceeded 5,000 and the 1954 cost was less than \$10 million and industries where the total fuel cost was less than \$250 thousand. Within the selected industries, only those establishments reporting on the standard form (see Introduction) were requested to report detail fuel cost. In addition, respondents receiving such forms were instructed to report detail fuel cost only if their total fuel expenditure was \$5,000 or more. Under these criteria the Apparel and Printing and Publishing industries were excluded as in 1954. Technical factors relating to the form and subsequent decisions raised the number of industries and establishments to whom a detail fuel inquiry was directed over those which the criteria above would have obtained. The net effect of these criteria if applied to 1954 would have been to eliminate more than 40 percent of the number of respondents reporting detailed fuels but only 6 percent or less of quantities or costs for detailed fuels. The dollar costs shown as "not specified by kind" provide a measure by industry of the undercoverage in the 1958 data for detailed fuels.

Since industries vary in consuming specified fuel types, a uniform inquiry relating to individual fuel types was not used in each report form. Hence, the composition of the item "other fuels" varies among industries. The composition of this category may be determined from the data shown in table 3, Fuels and Electric Energy Used by Major Industry Groups and Industries.

Imputation of Fuel and Electric Energy Data

Because small establishments were not required to report separate cost figures for fuels and electric energy (See Introduction - Census Report Forms), these totals were derived on an establishment basis by a computer program utilizing State-industry averages. These imputations typically are a small part of the United States total and of the detailed State or industry data. No imputations of detail fuel data were made for industries in which information for a given fuel was not collected. The totals for these establishments are shown in this report as "not specified by kind."

Industry Classification Changes

While the 1954 Major Group totals shown in table 2 of this report have been revised to reflect changes resulting from the revised edition of the SIC Manual, a significant difference between the 1954 and 1958 fuel data has

occurred because of industry reclassifications. In 1954, separate establishment reports were submitted for facilities producing coke (SIC Industry 2931, Beehive Coke Ovens, and Industry 2932, Byproducts Coke Ovens) and for blast furnaces (Industry 3211). In 1958, single, rather than separate reports, were collected for coke ovens, blast furnaces and steel works, and rolling mills operated at a single physical location (Industry 3312). As a result of the 1958 change in reporting pattern, 36,211 thousand tons of coke and coke breeze, 613,961 million cubic feet of coke oven gas, and 4,224,557 million cubic feet of blast furnace gas were reported as produced and consumed, when in the past an unspecified amount of some of these figures were reported as fuel costs. The total fuel costs and the cost of gas and coke are thereby smaller in 1958 than in 1954 solely due to this classification change. However, the quantities of coke and gas shown in the tables of this report for 1958 and 1954 are comparable if the comparison is made between purchased quantities in 1954 and the sum of purchased quantities plus quantities produced and consumed in 1958.

Description of Table and Use of Data for Thermal Equivalent Comparisons

Comparative totals for detailed fuel and electric energy statistics are shown in table 1, Fuels and Electric Energy Used in Manufacturing Industries, for all available years. The first section of this table, entitled, "Fuels and Electric Energy Purchased," contains information on purchased fuels and electric energy consumed for heat and power in 1958, 1954, 1947, and 1939. When the figures are converted to their thermal equivalent, they will, with one exception, yield unduplicated totals of purchased heat, power, and energy used in manufacturing. The exception relates to the use of fuels to generate electricity which is subsequently sold or transferred to other manufacturing establishments.

To derive a total thermal equivalent of fuels used in manufacturing, the quantities of fuels made and consumed in the same establishments should be added to the purchased heat, power and energy figures. The information relating to these are shown in table 2.

Any computations of thermal equivalent of fuels used for heat power and energy in manufacturing must exclude the fuels used as raw materials. Thus, for example, the large quantity of coal used to make coke is classified in this chapter as a raw material, whereas, the quantities of coke derived from this coal are

shown as a fuel for heat and power. To include both the coal and coke in a thermal equivalent computation would result in double counting of the thermal values for this coal.

Gas is measured in cubic feet. The data include gases with a wide range of heat value. For example, still gas has a heat value twice that of natural gas while the heat value of blast furnace gas is less than one-tenth of natural gas. Liquefied petroleum gas purchased in liquid form is excluded from the gas data but its cost is included with "other fuels."

Table 2 provides summary data for 1958 and 1954 for fuels used as raw materials and those used for heat and power. The heat and power totals are further separated between purchased fuels and those produced and consumed within the same establishment.

Table 3 includes statistics on purchased fuels and electric energy used by individual industries for 1958 and industry groups for 1958 and 1954. Table 4 contains 1958 and 1954 data on purchased fuels and electric energy for all manufacturing by divisions and States. Table 5 includes 1958 statistics on purchased fuels and electric energy for divisions and States by major industry groups.

MANUFACTURES—SUMMARY STATISTICS

Table 1.--Fuels and Electric Energy Used in the Manufacturing Industries: 1958 and Earlier Years

Year	Fuels						
	Bituminous coal and anthracite		Coke		Fuel oil		
	Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 barrels)	Cost (\$1,000)	
Purchased fuels and electric energy ¹ :							
1958.....	81,716	637,614	² 13,585	271,007	³ 166,719	522,704	
1954.....	91,457	676,804	54,371	867,865	³ 185,541	578,220	
1947.....	110,869	692,827	66,171	729,403	166,947	474,945	
1939.....	80,161	xxx	35,001	xxx	97,362	xxx	
Fuels and electric energy used for all purposes ⁵ :							
1958.....	159,533	1,378,999	14,850	292,687	172,767	540,480	
1954.....	176,716	1,437,591	55,927	889,300	249,569	689,386	
1947.....	218,922	1,399,056	68,722	745,810	215,559	560,573	
1939.....	143,350	(NA)	36,745	(NA)	133,404	(NA)	
1937.....	169,523	(NA)	41,508	(NA)	136,255	(NA)	
1929.....	206,232	730,621	51,406	234,675	132,221	177,008	
1927.....	199,705	(NA)	(NA)	(NA)	(NA)	(NA)	
1923.....	222,848	(NA)	(NA)	(NA)	(NA)	(NA)	
1919.....	202,578	(NA)	41,785	(NA)	69,639	(NA)	
1914.....	168,892	(NA)	32,750	(NA)	32,670	(NA)	
1909.....	165,595	(NA)	38,530	(NA)	19,727	(NA)	
Fuels--Continued			Electric energy				
Gas: natural, manufactured, and mixed		Other fuels	Fuels not specified by kind	Purchased		Generated	Sold
Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)		
Purchased fuels and electric energy ¹ :							
1958.....	⁴ 3,112,212	900,901	147,873	353,966	^r 251,816	2,227,865	xxx
1954.....	⁴ 5,914,855	847,268	200,553	28,669	187,027	1,725,350	xxx
1947.....	4,004,953	383,169	96,457	xxx	102,822	954,717	xxx
1939.....	1,840,406	xxx	xxx	xxx	44,847	462,310	xxx
Fuels and electric energy used for all purposes ⁵ :							
1958.....	⁴ 3,477,449	956,013	⁶ 240,339	353,966	^r 251,816	2,227,865	73,556
1954.....	⁴ 7,053,051	(NA)	⁶ 273,084	28,669	187,027	1,725,350	69,683
1947.....	⁵ 5,350,883	⁶ 586,040	96,687	...	102,822	954,717	43,936
1939.....	2,808,207	(NA)	xxx	xxx	44,847	462,310	28,593
1937.....	2,789,089	(NA)	xxx	xxx	¹⁰ 45,949	¹⁰ 467,692	(NA)
1929.....	1,174,191	224,005	22,242	xxx	36,427	461,097	(NA)
1927.....	(NA)	(NA)	xxx	xxx	(NA)	(NA)	(NA)
1923.....	(NA)	(NA)	xxx	xxx	(NA)	(NA)	(NA)
1919.....	565,797	(NA)	xxx	xxx	(NA)	(NA)	(NA)
1914.....	373,695	(NA)	xxx	xxx	(NA)	(NA)	(NA)
1909.....	308,877	(NA)	xxx	xxx	(NA)	(NA)	(NA)

NA Not available.

^rRevised.

¹Represents fuels and electric energy purchased by manufacturing establishments and used for heat and power. Excludes fuels used as raw material such as coal used in making coke and natural gas used in making carbon black.

²In addition, 36,221 thousand tons were consumed by establishments manufacturing and consuming coke at the same location (e.g., combined coke oven, blast furnace, steel mill activity); see text for further explanation.

³In addition, 66,103 thousand barrels were consumed in 1958 by petroleum establishments producing fuel oil; the comparable 1954 figure is 60,103 thousand barrels.

⁴In addition, 5,510,517 million cubic feet were consumed by establishments producing still blast furnace and coke oven gases; the comparable 1954 figure is 3,062,075 million cubic feet.

⁵Represents fuels and electric energy used by manufacturing establishments for heat, power and as a raw material for further manufacture. Includes fuels and electric energy produced and consumed in the same establishment (except blast-furnace gas used at blast furnaces). Figures for 1939 and earlier years have been revised and supplemented by Bureau of Mines data for operations for which adequate Census figures had not been obtained.

⁶Includes \$92,446 thousand for liquid petroleum gases.

⁷Includes 480,014 million cubic feet of still gas made and used valued at \$143,360 thousand.

⁸Includes \$72,551 thousand for liquid petroleum gases.

⁹1947 figure includes 538,555 million cubic feet of gas at a cost of \$89,981 thousand that was produced and consumed in Industry 2932, Byproduct Coke Ovens.

¹⁰The cost of purchased electric energy in 1937 was \$467,692 thousand including \$12,823 thousand for which quantity figures were not available.

FUELS AND ELECTRIC ENERGY CONSUMED

6-7

Table 2.--Fuels Used for Heat and Power and as Raw Materials in the Manufacturing Industries.
1958 and 1954

Kind of fuel and purpose of use	Unit of measure	1958			1954		
		Purchased		Made and used ¹ (quantity)	Purchased		Made and used ¹ (quantity)
		Quantity	Cost (\$1,000)		Quantity	Cost (\$1,000)	
Bituminous coal and anthracite:							
Heat and power.....	1,000 tons....	81,716	637,614	...	91,457	676,804	...
Raw material.....	...do.....	77,817	741,385	...	85,441	761,541	...
Coke:							
Heat and power ².....	...do.....	13,585	271,007	36,221	54,386	867,865	...
Raw material.....	...do.....	1,265	21,680	...	1,860	26,628	...
Fuel oil:							
Heat and power.....	1,000 barrels.	166,719	522,704	³ 66,103	185,541	578,220	⁴ 60,103
Raw material.....	...do.....	6,048	17,776	...	3,960	11,003	...
Gas ⁵ :							
Heat and power ²	Million cu. ft.	3,112,212	900,901	5,510,517	5,914,855	847,268	3,062,075
Raw material.....	...do.....	365,237	55,112	...	338,101	33,734	...
Other fuels ⁶	1,000 barrels.	xxx	240,339	...	xxx	273,084	...

¹Includes only quantities produced and consumed in the same establishment.

²See text "Industry Classification Changes" for explanation of 1954-1958 changes in reporting.

³Includes 48,688 thousand barrels of residual fuels and 17,415 thousand barrels of acid, sludge, etc.

⁴Includes 48,521 thousand barrels of residual fuels and 11,582 thousand barrels of acid, sludge, etc.

⁵Includes natural gas, manufactured gas, still gas, blast furnace gas, and coke oven gas.

⁶The 1958 figure includes 33,021 thousand barrels of liquid petroleum gases, valued at \$92,466 thousand used as a raw material by establishments classified in Industry 2911, Petroleum Refinery; the comparable 1954 figure is 26,567 thousand barrels, valued at \$72,551 thousand.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Fuels and Electric Energy Used, by Major Industry

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
	All industries, total.....1958..	5,061,930	2,834,065	81,716	637,614	⁴ 13,585	271,007
	.....1954..	4,964,728	3,239,378	91,457	676,804	54,371	867,865
20	Food and kindred products.....1958..	513,131	291,111	8,663	66,865	65	1,617
	.....1954..	419,075	250,430	11,179	86,382	99	1,866
21	Tobacco products.....1958..	8,666	4,289	245	2,222	...	...
	.....1954..	7,860	4,362	345	2,927	2	33
22	Textile mill products.....1958..	201,170	84,033	3,066	27,250	...	...
	.....1954..	190,460	77,620	4,822	37,357	23	332
23	Apparel and related products.....1958..	51,471	15,747	...	...	...	...
	.....1954..	37,425	13,374	16	183	...	...
24	Lumber and wood products.....1958..	119,633	70,177	256	2,695	...	...
	.....1954..	99,232	57,727	847	8,022	9	146
25	Furniture and fixtures.....1958..	39,182	14,899	356	3,528	...	...
	.....1954..	30,585	11,755	658	5,769	3	64
26	Paper and allied products.....1958..	382,016	265,754	14,465	123,526	...	...
	.....1954..	311,488	220,036	12,572	104,088	12	223
27	Printing and publishing.....1958..	73,343	21,751	...	...	...	...
	.....1954..	52,285	16,135	...	...	...	...
28	Chemicals and allied products.....1958..	788,028	359,459	19,438	138,973	...	...
	.....1954..	621,310	335,295	21,009	142,247	27	422
29	Petroleum and coal products.....1958..	262,199	184,816	1,200	6,738	...	...
	.....1954..	150,576	102,833	942	5,603	10	84
30	Rubber and plastics products, nec.....1958..	97,851	39,331	2,426	16,545	...	...
	.....1954..	76,768	31,122	2,470	16,439	1	21
31	Leather and leather products.....1958..	28,581	13,855	467	3,649	...	...
	.....1954..	24,011	12,152	610	6,547	1	16
32	Stone, clay and glass products.....1958..	468,703	337,912	11,786	94,382	166	3,547
	.....1954..	369,859	274,743	13,634	95,803	191	3,439
33	Primary metal industries.....1958..	1,113,285	743,509	11,325	83,536	12,999	254,707
	.....1954..	1,794,374	1,478,338	10,370	70,196	53,275	844,182
34	Fabricated metal products.....1958..	200,409	91,722	1,020	8,710	149	4,415
	.....1954..	167,176	78,524	1,730	14,233	239	5,631
35	Machinery, except electrical.....1958..	210,463	95,245	1,616	13,840	121	3,978
	.....1954..	9307,937	141,549	4,659	36,527	271	6,621
36	Electrical machinery.....1958..	157,602	58,480	968	8,405	6	216
	.....1954..	(9)	...	(9)	(9)	(9)	(9)
37	Transportation equipment.....1958..	253,420	100,224	3,840	31,416	78	2,527
	.....1954..	217,889	94,389	4,217	32,461	198	4,542
38	Instruments and related products.....1958..	31,635	14,424	432	4,091	...	...
	.....1954..	21,796	10,392	533	4,816	2	67
39	Miscellaneous manufacturing.....1958..	65,142	27,327	147	1,243	...	...
	.....1954..	64,622	28,602	844	7,204	8	156
INDUSTRIES: 1958							
20	Food and kindred products.....	513,131	291,111	8,663	66,865	65	1,617
201	Meat products.....	68,504	35,297	1,188	7,897	...	...
2011	Meat packing plants.....	48,133	26,480	1,096	7,318	...	...
2013	Prepared meats.....	11,004	5,024	37	339	...	...
2015	Poultry dressing plants.....	9,367	3,793	56	240	...	...
202	Dairy products.....	107,656	56,533	1,428	13,505	...	...
2021	Creamery butter.....	13,958	9,333	194	2,178	...	...
2022	Natural cheese.....	7,898	4,760	116	1,115	...	...
2023	Condensed and evaporated milk.....	13,463	10,389	607	5,361	...	...
2024	Ice cream and frozen desserts.....	10,862	2,775	28	273	...	...
2025	Special dairy products.....	1,047	510	7	91	...	...
2026	Fluid milk.....	60,428	28,766	476	4,487	...	...
203	Canned and frozen foods.....	48,154	29,408	737	6,475	...	...
2031	Canned and cured seafoods.....	2,212	1,466	...	...	...	...
2032	Canned specialties.....	6,576	4,747	356	2,713	...	...
2033	Canned fruits and vegetables.....	20,295	*13,851	335	3,301	...	...
2034	Dehydrated fruits and vegetables.....	1,887	1,171	...	...	...	...
2035	Pickles and sauces.....	3,010	1,570	34	332	...	...
2036	Fresh or frozen packaged fish.....	1,968	800	...	...	...	...
2037	Frozen fruits and vegetables.....	12,206	5,803	12	129	...	...
204	Grain mill products.....	55,316	25,119	1,864	11,916	...	...
2041	Flour and meal.....	13,019	2,363	93	848	...	...
2042	Prepared animal feeds.....	22,651	8,071	95	725	...	...
2043	Cereal preparations.....	3,791	2,099	76	708	...	...
2044	Rice milling.....	1,108	221	...	...	...	...
2045	Blended and prepared flour.....	1,318	557	15	148	...	...
2046	Wet corn milling.....	13,429	11,808	1,586	9,487	...	...
205	Bakery products.....	61,372	41,434	84	978	...	...
2051	Bread and related products.....	53,644	36,597	68	805	...	...
2052	Biscuit and crackers.....	7,728	4,837	16	173	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-9

Group, 1958 and 1954, and by Individual Industries, 1958

Purchased fuels--Continued						Electric energy					
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated (million kw.-hrs.)	Sold (million kw.-hrs.)	Code	
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)				
⁵ 166,719	522,704	⁶ 3,112,212	900,901	147,873	353,966	251,816	2,227,865	73,556	7,099		
⁵ 185,541	578,220	⁷ 5,914,855	847,268	200,553	28,669	187,027	1,725,350	69,683	9,044		
25,225	67,472	243,866	88,487	20,298	46,372	15,648	222,020	2,113	50	20	
20,458	67,640	262,852	69,542	25,000	...	12,005	168,645	2,064	97		
400	1,076	1,203	595	398	...	327	4,377	146	15	21	
278	869	595	267	266	...	241	3,498	99	10		
7,973	23,128	32,218	11,696	5,704	16,255	11,295	117,137	1,123	220	22	
10,696	29,730	22,184	8,098	2,103	...	10,959	112,840	1,428	237		
...	...	...	...	...	15,747	1,749	35,724	14	(8)	23
212	561	128	55	41	21,534	940	24,051	4	...		
2,286	13,032	6,866	3,491	10,415	40,544	3,402	49,456	1,283	313	24	
4,060	17,324	20,475	5,150	27,085	...	3,218	41,505	1,276	225		
488	2,295	3,204	1,644	629	6,803	1,389	24,283	73	5	25	
667	2,760	6,434	2,411	751	...	1,131	18,830	87	1		
25,285	69,870	212,213	53,952	12,225	6,181	12,438	116,262	17,733	897	26	
22,472	57,589	116,604	24,839	33,397	...	10,852	91,452	14,183	1,496		
...	...	...	...	...	21,751	3,004	51,592	12	1	27
...	...	...	...	...	16,135	1,680	36,150	5	(8)	
15,714	47,761	558,801	124,434	24,101	24,190	85,561	428,569	17,336	1,353	28	
17,688	50,368	481,510	128,568	13,690	...	46,255	286,015	16,425	1,514		
3,805	12,550	794,456	154,365	8,895	2,270	9,494	77,383	4,201	383	29	
4,053	10,459	548,554	84,185	2,502	...	5,863	47,743	4,028	449		
3,061	11,783	20,700	7,188	1,466	2,349	4,819	58,520	707	67	30	
3,107	9,089	14,872	4,732	841	...	3,961	45,646	763	88		
920	3,120	1,928	929	965	5,192	776	14,726	163	2	31	
1,213	3,868	3,371	1,244	477	...	645	11,859	74	3		
13,651	46,192	446,111	155,243	12,872	25,676	12,089	130,791	2,362	94	32	
15,690	51,194	390,841	112,441	11,866	...	9,157	95,116	2,510	94		
47,083	157,803	634,683	220,694	19,449	7,320	49,824	369,776	24,180	3,263	33	
56,673	176,680	3,836,021	312,515	34,765	...	47,429	316,036	23,575	3,763		
6,151	20,332	49,241	26,800	4,192	27,273	7,126	108,687	161	(8)	34	
6,622	25,076	62,251	28,666	4,898	...	5,947	88,652	97	1		
3,747	12,099	25,522	12,358	5,276	47,694	7,602	115,218	721	229	35	
10,311	36,199	78,908	34,647	27,555	...	12,396	166,388	1,072	135		
2,347	7,763	19,056	10,008	4,056	28,032	7,687	95,122	382	56	36	
(8)	(8)	(8)	(8)	(8)	...	(8)	(8)	(8)	(8)		
7,388	22,042	55,772	25,969	14,218	4,052	13,374	153,196	365	95	37	
6,691	23,968	45,698	20,761	12,657	...	11,118	123,500	1,600	914		
152	759	595	410	850	8,314	1,083	17,211	368	14	38	
889	3,009	4,841	1,915	585	...	728	11,404	277	9		
1,044	3,627	5,779	2,640	1,866	17,951	2,498	37,815	115	42	39	
3,761	11,957	18,716	7,232	2,073	...	2,502	36,020	116	8		
25,225	67,472	243,866	88,487	20,298	46,372	15,648	222,020	2,113	50,158	20	
2,696	7,689	37,639	12,486	4,022	3,203	2,428	33,207	170	2	201	
1,664	4,574	32,609	9,995	2,888	1,707	1,723	21,655	168	2	2011	
675	1,799	2,807	1,373	683	830	373	5,980	2	...	2013	
357	1,316	2,224	1,120	451	666	332	5,574	...	...	2015
6,611	17,483	37,767	12,939	5,122	7,484	3,117	51,123	97	2	202	
1,436	3,066	5,729	2,313	192	1,584	258	4,625	18	(8)	2021	
495	1,345	1,048	417	298	1,585	160	3,138	2	...	2022	
718	2,363	4,890	1,822	580	263	186	3,074	64	(8)	2023	
666	1,603	(S)	(S)	(S)	17	511	8,087	3	1	2024	
29	108	(S)	(S)	(S)	210	33	537	...	...	2025
3,268	8,998	24,530	7,575	3,881	3,825	1,969	31,662	10	...	2026	
3,192	8,886	19,351	7,893	1,639	4,515	1,265	18,746	40	1	203	
...	...	...	...	...	1,466	41	746	...	...	2031
175	661	2,181	847	494	32	144	1,829	35	1	2032	
1,699	4,206	13,879	5,432	619	293	378	6,444	...	...	2033
...	...	...	...	...	1,171	49	716	...	...	2034
156	624	585	344	66	204	96	1,440	...	...	2035
...	...	...	...	...	800	64	1,168	...	...	2036
1,162	3,395	2,706	1,270	460	549	492	6,403	5	...	2037	
1,445	4,204	16,028	5,998	1,806	1,195	2,451	30,197	935	11	204	
309	816	1,400	483	157	59	1,000	10,656	30	3	2041	
1,058	3,078	6,493	2,690	1,291	287	1,019	14,580	7	2	2042	
37	156	2,299	789	15	431	151	1,692	41	5	2043	
...	...	...	...	...	221	66	887	1	...	2044
38	148	303	198	19	44	62	761	2	...	2045	
2	6	5,535	1,838	324	153	152	1,621	654	2	2046	
3,992	9,375	33,782	14,442	2,897	13,742	1,254	19,938	(1)	...	205	
3,673	8,544	25,461	11,502	2,693	13,013	1,019	17,047	...	...	2051
319	791	8,322	2,940	204	729	235	2,891	1	...	2052	

MANUFACTURES—SUMMARY STATISTICS

Table 3.--Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
20	Food and kindred products--Continued						
206	Sugar.....	29,552	28,267	1,236	9,841	65	1,617
2061	Raw cane sugar.....	1,510	1,282	...	...	...	...
2062	Cane sugar refining.....	11,208	10,916	241	2,955	9	185
2063	Beet sugar.....	16,834	16,069	995	6,886	56	1,432
207	Candy and related products.....	14,596	6,895	266	2,088	...	...
2071	Confectionery products.....	10,204	4,645	90	721	...	...
2072	Chocolate and cocoa products.....	3,584	1,905	168	1,288	...	...
2073	Chewing gum.....	808	345	8	79	...	...
208	Beverages.....	53,917	32,232	859	6,399	...	...
2082	Malt liquors.....	20,978	13,063	738	5,239	...	...
2083	Malt.....	5,275	3,508	66	658	...	...
2084	Wines and brandy.....	2,379	1,189	...	...	...	...
2085	Distilled liquor, except brandy.....	8,964	6,197	...	...	...	...
2086	Bottled and canned soft drinks.....	14,071	6,980	56	502	...	...
2087	Flavorings.....	2,250	1,295	...	...	...	...
209	Other food preparations.....	74,064	35,926	1,001	7,766	...	...
2091	Cottonseed oil mills.....	7,418	1,450	10	87	...	...
2092	Soybean oil mills.....	12,553	6,549	453	2,914	...	...
2093	Vegetable oil mills, nec.....	2,658	1,377	(S)	(S)	...	...
2094	Grease and tallow.....	9,031	6,188	193	1,963	...	...
2095	Animal oils, nec.....	1,764	1,234	(S)	(S)	...	...
2096	Shortening and cooking oils.....	10,358	7,246	282	2,162	...	...
2097	Manufactured ice.....	11,223	1,224	...	...	...	...
2098	Macaroni and spaghetti.....	1,967	724	...	...	...	...
2099	Food preparations, nec.....	17,092	9,934	51	491	...	...
21	Tobacco products.....	*8,666	4,289	245	2,222	...	...
2111	Cigarettes.....	*3,680	1,905	198	1,185	...	...
2121	Cigars.....	1,535	504	13	133	...	...
2131	Chewing and smoking tobacco.....	797	483	32	241	...	...
2141	Tobacco stemming and redrying.....	2,654	1,399	62	663	...	...
22	Textile mill products.....	201,170	84,033	3,066	27,250	...	...
2211	Weaving mills, cotton.....	55,822	13,878	869	6,868	...	...
2221	Weaving mills, synthetics.....	18,007	5,357	288	2,547	...	...
2231	Weaving, finishing mills, wool.....	16,006	8,773	268	2,824	...	...
2241	Narrow fabrics mills.....	3,529	1,426	...	...	...	...
225	Knitting mills.....	21,633	10,291	107	1,076	...	...
2251	Full-fashioned hosiery mills.....	4,476	1,718	...	...	...	...
2252	Seamless hosiery mills.....	5,312	2,734	...	...	...	...
2253	Knit outerwear mills.....	4,585	2,006	18	213	...	...
2254	Knit underwear mills.....	2,014	1,104	47	458	...	...
2256	Knit fabric mills.....	4,999	2,579	(S)	(S)	...	...
2259	Knitting mills, nec.....	247	150	(S)	(S)	...	...
226	Textile finishing, except wool.....	35,909	27,285	1,065	9,755	...	...
2261	Finishing plants, cotton.....	22,362	17,774	854	7,816	...	...
2262	Finishing plants, synthetics.....	10,154	7,435	156	1,456	...	...
2269	Finishing plants, nec.....	3,393	2,076	55	483	...	...
227	Floor covering mills.....	6,825	4,176	178	1,575	...	...
2271	Woven carpets and rugs.....	3,926	2,524	141	1,207	...	...
2272	Tufted carpets and rugs.....	2,195	1,252	(S)	(S)	...	...
2279	Carpets and rugs, nec.....	704	400	(S)	(S)	...	...
228	Yarn and thread mills.....	24,419	5,038	195	1,682	...	...
2281	Yarn mills, except wool.....	14,838	1,932	108	883	...	...
2282	Throwing and winding mills.....	3,086	658	14	147	...	...
2283	Wool yarn mills.....	3,559	1,217	17	161	...	...
2284	Thread mills.....	2,936	1,231	56	491	...	...
229	Miscellaneous textile goods.....	19,020	7,809	95	923	...	...
2291	Felt goods, nec.....	1,679	919	(S)	(S)	...	...
2292	Lace goods.....	973	527	...	...	...	...
2293	Padding and upholstery filling.....	2,004	891	...	...	...	...
2294	Processed textile waste.....	1,181	467	...	...	...	...
2295	Coated fabric, not rubberized.....	3,582	1,978	48	421	...	...
2296	Tire cord and fabric.....	3,666	422	(S)	(S)	...	...
2297	Scouring and combing plants.....	2,282	1,350	26	304	...	...
2298	Cordage and twine.....	1,785	524	...	...	...	...
2299	Textile goods, nec.....	1,868	731	...	...	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-11

1958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued						Electric energy				
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated	Sold	Code
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
1,130	2,853	42,253	13,769	136	51	87	1,285	542	1	206
52	182	4,092	964	91	45	12	228	8	...	2061
995	2,396	19,073	5,337	(S)	(S)	22	292	282	1	2062
82	275	19,088	7,448	(S)	(S)	54	765	252	...	2063
637	1,727	1,981	1,129	1,132	819	530	7,701	109	30	207
600	1,608	1,829	1,016	485	815	367	5,559	13	...	2071
...	...	(S)	(S)	524	(S)	130	1,679	92	30	2072
36	119	(S)	(S)	123	(S)	33	463	4	...	2073
2,751	6,792	20,527	7,635	2,041	9,365	1,472	21,685	279	3	208
1,254	3,328	10,322	3,656	633	207	641	7,915	193	1	2082
152	391	4,482	2,179	274	6	143	1,767	31	...	2083
...	...	...	...	...	1,189	92	1,190	...	...	2084
...	...	...	...	...	6,197	222	2,767	41	1	2085
1,346	3,073	5,723	1,800	1,134	471	321	7,091	12	...	2086
...	...	...	...	...	1,295	54	955	2	...	2087
2,772	8,463	34,538	12,196	1,503	5,998	3,043	38,138	140	(B)	209
61	147	3,270	1,089	(S)	(S)	550	5,968	1	...	2091
160	613	7,638	2,477	67	478	538	6,004	39	...	2092
88	332	2,597	879	(S)	(S)	124	1,281	...	...	2093
649	2,047	3,417	1,373	438	367	179	2,843	19	(B)	2094
189	790	228	111	(S)	253	28	530	...	...	2095
563	1,799	9,141	2,874	171	240	280	3,112	42	...	2096
...	...	...	...	...	1,224	822	9,999	9	(B)	2097
...	...	...	...	...	724	73	1,243	...	...	2098
1,061	2,735	8,247	3,393	614	2,701	449	7,158	31	...	2099
400	1,076	1,203	593	398	...	327	*4,377	146	15	21
(S)	(S)	(S)	(S)	28	...	166	*1,777	144	15	2111
76	...	46	44	58	...	63	1,031	...	...	2121
(S)	(S)	(S)	(S)	41	...	22	314	2	...	2131
102	...	247	143	271	...	75	1,255	...	...	2141
7,973	23,128	32,218	11,696	5,704	16,255	11,925	117,137	1,123	220	22
662	1,739	12,701	4,048	497	726	5,198	41,944	417	45	2211
443	1,670	1,415	681	142	317	1,324	12,650	165	109	2221
1,180	3,428	1,913	711	419	1,391	594	7,233	65	5	2231
...	...	...	...	...	1,426	123	2,103	1	(B)	2241
906	2,561	1,469	778	538	5,338	822	11,342	9	...	225
...	...	...	...	...	1,718	219	2,758	(B)	...	2251
...	...	...	...	...	2,734	216	2,578	1	...	2252
265	834	413	287	245	427	134	2,579	...	...	2253
118	311	622	257	37	41	77	910	6	...	2254
(S)	(S)	(S)	(S)	(S)	(S)	171	2,420	2	...	2256
(S)	(S)	(S)	(S)	(S)	(B)	5	97	...	...	2259
2,940	9,439	10,635	3,737	1,467	2,887	815	8,624	341	47	226
1,774	5,623	8,389	2,699	448	1,188	390	4,588	334	47	2261
984	3,200	1,743	749	816	1,214	172	2,719	8	...	2262
183	616	502	289	203	485	253	1,317	...	...	2269
(S)	(S)	1,301	513	1,871	(S)	215	2,649	40	(B)	227
...	...	(S)	(S)	(S)	54	114	1,402	35	(B)	2271
(S)	(S)	788	318	692	(S)	83	943	3	...	2272
...	...	(S)	(S)	(S)	15	18	304	1	...	2279
552	1,739	1,181	516	602	499	936	19,381	60	10	228
204	489	696	273	110	177	1,379	12,906	38	10	2281
40	199	(S)	(S)	(S)	(S)	217	2,428	1	...	2282
118	431	215	105	400	120	163	2,342	2	(B)	2283
192	620	(S)	(S)	(S)	(S)	177	1,705	19	...	2284
856	2,495	1,602	712	168	3,511	897	11,211	25	3	229
(S)	(S)	(S)	(S)	(S)	(S)	49	760	2	...	2291
...	...	...	...	...	527	24	446	1	1	2292
...	...	...	...	...	891	66	1,113	2	...	2293
...	...	...	...	...	467	38	714	...	...	2294
418	1,088	730	334	...	90	94	1,604	7	1	2295
(S)	(S)	460	175	(S)	(S)	393	3,244	5	1	2296
275	840	(S)	(S)	(S)	121	60	932	7	(B)	2297
...	...	...	...	...	524	93	1,261	...	...	2298
39	97	47	22	23	589	79	1,137	1	(B)	2299

MANUFACTURES—SUMMARY STATISTICS

Table 3.--Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
23	Apparel and related products.....	51,471	15,747	...	...	...	...
2311	Men's and boys' suits and coats.....	4,846	1,981	...	...	...	...
232	Men's and boys' furnishings.....	9,399	3,184	...	...	...	...
2321	Men's dress shirts and nightwear.....	3,383	1,156	...	...	...	...
2322	Men's and boys' underwear.....	405	126	...	...	...	...
2323	Men's and boys' neckwear.....	345	68	...	...	...	...
2327	Separate trousers.....	2,012	739	...	...	...	...
2328	Work clothing.....	2,089	737	...	...	...	...
2329	Men's and boys' clothing, nec.....	1,165	358	...	...	...	...
233	Women's and misses' outerwear.....	14,247	3,314	...	...	...	...
2331	Blouses.....	1,386	309	...	...	...	...
2335	Dresses.....	7,002	1,476	...	...	...	...
2337	Women's suits, coats and skirts.....	4,237	1,094	...	...	...	...
2339	Women's outerwear, nec.....	1,622	435	...	...	...	...
234	Women's undergarments.....	4,142	1,296	...	...	...	...
2341	Women's and children's underwear.....	2,658	774	...	...	...	...
2342	Corsets and allied garments.....	1,484	522	...	...	...	...
235	Millinery, hats, and caps.....	2,857	1,261	...	...	...	...
2351	Millinery.....	1,190	324	...	...	...	...
2352	Hats and caps.....	1,667	937	...	...	...	...
236	Children's outerwear.....	2,804	695	...	...	...	...
2361	Children's dresses.....	1,226	312	...	...	...	...
2363	Children's coats.....	556	130	...	...	...	...
2369	Children's outerwear, nec.....	1,022	253	...	...	...	...
2371	Fur goods.....	1,157	284	...	...	...	...
238	Miscellaneous apparel.....	2,741	872	...	...	...	...
2381	Fabric dress and work gloves.....	549	229	...	...	...	...
2384	Robes and dressing gowns.....	414	121	...	...	...	...
2385	Waterproof outer garments.....	671	230	...	...	...	...
2386	Leather and sheeplined clothing.....	201	62	...	...	...	...
2387	Apparel belts.....	519	126	...	...	...	...
2389	Apparel, nec.....	387	104	...	...	...	...
239	Fabricated textiles, nec.....	9,278	2,860	...	...	...	...
2391	Curtains and draperies.....	568	175	...	...	...	...
2392	Housefurnishings, nec.....	2,721	1,067	...	...	...	...
2393	Textile bags.....	693	264	...	...	...	...
2394	Canvas products.....	735	317	...	...	...	...
2397	Schiffli machine embroideries.....	538	155	...	...	...	...
2398	Trimmings and stitching.....	2,885	473	...	...	...	...
2399	Textile products, nec.....	1,138	411	...	...	...	...
24	Lumber and wood products.....	119,633	70,177	256	2,695	...	...
2411	Logging camps and contractors.....	18,727	17,446	11	168	...	...
242	Sawmills and planing mills.....	64,724	38,456	116	1,443	...	...
2421	Sawmills and planing mills.....	60,010	36,762	105	1,340	...	...
2426	Hardwood dimension and flooring.....	3,693	1,300	11	103	...	...
2429	Special product sawmills, nec.....	1,021	394	...	...	...	...
243	Millwork and related products.....	20,802	7,600	...	...	...	...
2431	Millwork plants.....	7,968	2,386	...	...	...	...
2432	Veneer and plywood plants.....	11,496	4,728	...	...	...	...
2433	Prefabricated wood products.....	1,338	486	...	...	...	...
244	Wooden containers.....	4,530	1,276	...	...	...	...
2441	Nailed wooden boxes and shook.....	2,731	881	...	...	...	...
2442	Wirebound boxes and crates.....	895	160	...	...	...	...
2443	Veneer and plywood containers.....	313	80	...	...	...	...
2445	Cooperage.....	591	155	...	...	...	...
249	Miscellaneous wood products.....	10,850	5,399	129	1,084	...	...
2491	Wood preserving.....	3,904	2,938	129	1,084	...	...
2499	Wood products, nec.....	6,946	2,461	...	...	...	...
25	Furniture and fixtures.....	39,182	14,899	356	3,528	...	...
251	Household furniture.....	25,968	9,293	356	3,528	...	...
2511	Wood furniture not upholstered.....	13,136	4,397	245	2,442	...	...
2512	Wood furniture, upholstered.....	4,591	1,595	49	515	...	...
2514	Metal household furniture.....	4,977	2,051	48	373	...	...
2515	Mattresses and bedsprings.....	3,069	1,189	14	198	...	...
2519	Household furniture, nec.....	195	61	...	...	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-13

1958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued						Electric energy				
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated	Sold	Code
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)	(\$1,000)	(\$1,000)	Quantity (million kw.-hrs.)	Cost (\$1,000)	(million kw.-hrs.)	(million kw.-hrs.)	
...	15,747	1,749	35,724	14	855	23
...	1,981	140	2,865	(8)	(8)	2311
...	3,184	378	6,215	...	...	232
...	1,156	117	2,227	...	...	2321
...	126	82	279	...	...	2322
...	68	12	277	...	...	2323
...	739	61	1,273	...	...	2327
...	737	69	1,352	...	...	2328
...	358	37	807	...	...	2329
...	3,314	493	10,933	...	...	233
...	309	45	1,077	...	...	2331
...	1,476	250	5,526	638	...	2335
...	1,094	144	3,143	...	...	2337
...	435	54	1,187	...	...	2339
...	1,296	139	2,846	...	...	234
...	774	95	1,884	...	...	2341
...	522	44	962	9	...	2342
...	1,261	75	1,596	...	...	235
...	324	41	866	...	...	2351
...	937	34	730	2	...	2352
...	695	97	2,109	...	...	236
...	312	42	914	...	...	2361
...	130	19	426	...	...	2363
...	253	37	769	...	...	2369
...	284	37	873	...	...	...
...	872	86	1,869	...	...	238
...	229	15	320	...	...	2381
...	121	14	293	...	...	2384
...	230	19	441	2	...	2385
...	62	6	139	...	...	2386
...	126	18	393	...	...	2387
...	104	14	283	...	...	2389
...	2,860	306	6,418	...	...	239
...	175	17	393	...	...	2391
...	1,067	100	1,654	...	...	2392
...	264	22	429	...	...	2393
...	317	18	418	...	...	2394
...	153	18	385	...	...	2397
...	473	95	2,412	...	...	2398
...	411	35	727	...	...	2399
2,286	13,032	6,866	3,491	10,415	40,544	3,402	49,456	1,283	313	24
850	5,047	785	505	2,543	9,183	57	1,281	2	...	2411
1,436	7,985	2,440	1,873	7,178	19,977	1,883	26,268	1,135	307	242
1,398	7,719	2,214	1,742	7,024	18,937	1,697	23,248	1,076	305	2421
38	266	225	131	154	646	152	2,393	59	2	2426
...	394	34	627	(8)	...	2429
...	7,600	979	13,202	127	13	243
...	2,386	306	5,582	16	(8)	2431
...	4,728	623	6,768	101	13	2432
...	486	50	852	10	...	2433
...	1,276	177	3,254	8	...	244
...	881	104	1,850	5	...	2441
...	160	39	735	2	...	2442
...	80	11	233	...	...	2443
...	155	23	436	(8)	...	2445
...	...	3,642	1,113	694	2,508	306	5,451	12	2	249
...	...	3,642	1,113	694	47	50	966	1	(8)	2491
...	2,461	256	4,485	11	1	2499
488	2,295	3,204	1,644	629	6,803	1,389	24,283	73	5	25
488	2,295	3,204	1,644	629	1,197	974	16,675	63	5	251
165	1,094	542	365	240	256	540	8,739	62	5	2511
142	402	540	171	93	414	159	2,996	1	(8)	2512
70	386	1,845	842	129	321	169	2,926	...	...	2514
110	413	277	266	167	145	100	1,880	...	...	2515
...	61	6	134	...	...	2519

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
25	Furniture and fixtures--Continued						
252	Office furniture.....	3,470	1,659	...	...	...	...
2521	Wood office furniture.....	738	299	...	...	...	...
2522	Metal office furniture.....	2,732	1,360	...	...	...	...
2531	Public building furniture.....	2,155	868	...	...	...	...
254	Partitions and fixtures.....	5,066	1,990	...	...	...	...
259	Furniture and fixtures, nec.....	2,523	1,089	...	...	...	...
2591	Venetian blinds and shades.....	1,383	550	...	...	...	...
2599	Furniture and fixtures, nec.....	1,140	539	...	...	...	...
26	Paper and allied products.....	382,016	265,754	14,465	123,526	...	...
2611	Pulp mills.....	25,273	20,745	400	4,523	...	...
2621	Paper mills, except building.....	165,949	115,643	7,351	65,843	...	...
2631	Paperboard mills.....	109,248	87,306	5,499	41,529	...	...
2661	Building paper and board mills.....	26,468	15,307	610	6,100	...	...
264	Paper and paperboard products.....	28,099	14,383	401	3,788	...	...
2641	Paper coating and glazing.....	9,259	5,677	231	2,073	...	...
2642	Envelopes.....	1,706	564	4	51	...	...
2643	Bags, except textile bags.....	4,302	1,652	19	167	...	...
2644	Wallpaper.....	649	380	(S)	(S)	...	...
2645	Die cut paper and board.....	1,413	559	16	180	...	...
2646	Pressed and molded pulp goods.....	3,905	2,131	(S)	(S)	...	...
2649	Paper and board products, nec.....	6,865	3,420	62	617	...	...
265	Paperboard containers and boxes.....	26,979	12,370	204	1,743	...	...
2651	Folding paperboard boxes.....	5,366	1,880	35	315	...	...
2652	Set-up paper boxes.....	1,756	683	10	99	...	...
2653	Corrugated shipping containers.....	13,276	7,288	110	828	...	...
2654	Sanitary food containers.....	4,820	1,671	(S)	(S)	...	...
2655	Fiber cans, tubes, drums, etc.....	1,761	848	(S)	(S)	...	...
27	Printing and publishing.....	73,343	21,751	...	...	...	...
2711	Newspapers.....	21,699	5,397	...	...	...	...
2721	Periodicals.....	4,375	1,152	...	...	...	...
273	Books.....	4,720	1,404	...	...	...	...
2731	Books, publishing and printing.....	1,899	539	...	...	...	...
2732	Book printing.....	2,821	865	...	...	...	...
2741	Miscellaneous publishing.....	1,077	294	...	...	...	...
275	Commercial printing.....	31,141	10,515	...	...	...	...
2751	Printing: Letterpress.....	20,294	7,465	...	...	...	...
2752	Printing: Lithographic.....	10,053	2,770	...	...	...	...
2753	Engraving and plate printing.....	794	280	...	...	...	...
2761	Manifold business forms.....	2,078	599	...	...	...	...
2771	Greeting cards.....	1,444	501	...	...	...	...
278	Bookbinding and related work.....	2,582	804	...	...	...	...
2782	Blankbooks; looseleaf binders.....	1,177	383	...	...	...	...
2789	Bookbinding and related work.....	1,405	421	...	...	...	...
279	Printing trades services.....	4,227	1,085	...	...	...	...
2791	Typesetting.....	1,381	324	...	...	...	...
2793	Photoengraving.....	1,637	393	...	...	...	...
2794	Electrotyping and stereotyping.....	1,209	368	...	...	...	...
28	Chemicals and allied products.....	788,028	359,459	19,438	138,973	...	...
281	Basic chemicals.....	598,265	236,824	12,661	88,699	...	...
2812	Alkalies and chlorine.....	62,372	36,980	3,129	23,013	...	...
2813	Industrial gases.....	16,736	2,647	191	1,456	...	...
2814	Cyclic (coal tar) crudes.....	3,562	2,930	...	...	...	...
2815	Intermediate coal tar products.....	27,091	17,795	1,924	7,850	...	...
2816	Inorganic pigments.....	15,494	11,664	623	3,718	...	...
2818	Organic chemicals, nec.....	111,898	80,515	3,934	28,773	...	...
2819	Inorganic chemicals, nec.....	361,112	484,293	2,861	23,909	...	...
282	Fibers, plastics, rubbers.....	86,300	63,409	5,160	37,588	...	...
2821	Plastics materials.....	40,868	26,026	1,481	12,178	...	...
2822	Synthetic rubber.....	9,889	5,607	(S)	(S)	...	...
2823	Cellulosic man-made fibers.....	26,390	24,719	3,089	21,138	...	...
2824	Organic fibers, noncellulosic.....	9,153	7,057	(S)	(S)	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-15

1958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued						Electric energy			
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated	Sold
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)		
...	...	...	...	...	1,659	113	1,811	3	(^B)
...	...	...	...	...	299	21	439	2	...
...	...	...	...	...	1,360	92	1,372	(^B)	(^B)
...	...	...	...	...	868	71	1,287	5	...
...	...	...	...	...	1,990	153	3,076	3	...
...	...	...	...	...	1,089	78	1,434	...	...
...	...	...	...	...	550	46	833	...	...
...	...	...	...	...	559	32	601	...	...
25,285	69,870	212,213	53,952	12,225	6,181	12,438	116,262	17,733	897
2,910	7,944	11,472	5,033	3,228	17	594	4,528	1,458	267
7,835	21,401	108,865	20,777	5,167	2,455	6,181	50,306	9,570	383
9,971	26,436	59,559	17,288	1,521	552	2,462	21,942	5,805	145
778	3,068	19,983	5,227	263	649	1,210	11,161	595	44
1,759	5,573	5,089	2,558	1,063	1,401	1,017	13,716	150	...
756	2,025	3,100	962	390	227	292	3,582	83	...
60	234	263	187	(S)	(S)	64	1,173	...	...
180	541	688	346	141	457	173	2,650	26	...
68	191	(S)	(S)	(S)	(S)	14	269	...	...
28	245	129	85	17	32	51	854	4	...
162	647	(S)	(S)	(S)	(S)	165	1,746	10	...
526	1,690	589	317	252	544	258	3,442	26	...
2,031	5,448	7,245	3,069	983	1,127	974	14,609	154	58
370	803	777	331	229	202	216	3,486	18	2
63	226	147	90	41	227	53	1,073	...	...
1,215	3,395	4,891	1,999	449	617	375	5,988	37	...
273	695	1,010	466	198	(S)	295	3,149	2	...
111	329	422	183	66	(S)	56	913	97	56
...	...	...	...	...	21,751	3,004	51,592	11	1
...	...	...	...	...	5,397	997	16,302	1	...
...	...	...	...	...	1,152	203	3,223	3	(^B)
...	...	...	...	...	1,404	200	3,316	(^B)	...
...	...	...	...	...	559	80	1,360	...	...
...	...	...	...	...	865	120	1,956	(^B)	...
...	...	...	...	...	294	40	783	...	...
...	...	...	...	...	10,515	1,189	20,626	6	(^B)
...	...	...	...	...	7,465	786	12,829	5	(^B)
...	...	...	...	...	2,770	379	7,283	(^B)	...
...	...	...	...	...	280	24	514	...	...
...	...	...	...	...	599	88	1,479	(^B)	...
...	...	...	...	...	501	50	943	...	...
...	...	...	...	...	804	81	1,778	...	...
...	...	...	...	...	383	37	794	...	...
...	...	...	...	...	421	44	984	...	...
...	...	...	...	...	1,085	155	3,142	...	...
...	...	...	...	...	324	53	1,057	...	...
...	...	...	...	...	393	56	1,244	...	...
...	...	...	...	...	368	45	841	...	...
15,714	47,761	558,801	124,434	24,101	24,190	85,561	428,569	17,336	1,353
8,503	25,935	476,196	99,931	16,512	5,747	79,423	361,441	13,955	1,042
(S)	(S)	56,427	11,064	1,291	(S)	4,084	25,392	3,457	148
(S)	(S)	566	263	916	(S)	1,706	14,089	223	1
...	...	...	...	...	2,950	49	632	...	...
1,164	3,391	31,436	6,142	228	204	913	9,296	273	5
1,672	4,999	7,525	2,614	158	175	379	3,830	153	2
2,427	7,068	202,099	35,541	8,556	577	4,576	31,383	4,805	645
3,008	9,721	178,143	44,307	5,363	993	67,717	276,819	5,043	241
2,004	6,787	57,672	14,120	4,089	825	2,798	22,891	2,701	223
1,592	5,083	27,118	6,093	1,861	811	1,612	14,842	441	67
(S)	(S)	9,573	2,382	2,032	(S)	606	4,282	...	...
105	740	9,709	2,788	(S)	...	287	1,671	1,819	156
(S)	(S)	11,273	2,857	143	(S)	293	2,096	441	...

MANUFACTURES—SUMMARY STATISTICS

Table 3.--Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
28	Chemicals and allied products--Continued						
283	Drugs.....	22,907	11,593	440	3,098	...	...
2831	Biological products	657	309	(S)	(S)	...	...
2833	Medicinals and botanicals.....	6,737	4,098	239	1,285	...	...
2834	Pharmaceutical preparations.....	15,513	7,186	198	1,781	...	...
284	Cleaning and toilet goods.....	19,202	12,489	388	3,289	...	...
2841	Soap and other detergents.....	11,368	8,102	356	2,940	...	...
2842	Polishes and sanitation goods.....	3,219	1,793	(S)	(S)	...	...
2843	Surface active agents.....	1,659	1,166	(S)	(S)	...	...
2844	Toilet preparations.....	2,956	1,428	...	...	...	...
285	Paints and varnishes.....	11,622	5,429	92	916	...	...
2851	Paints and varnishes.....	11,353	5,305	(S)	(S)	...	...
2852	Putty and calking compounds.....	269	124	(S)	(S)	...	...
2861	Gum and wood chemicals.....	4,591	3,619	(S)	(S)	...	...
287	Agricultural chemicals.....	14,865	6,138	(S)	(S)	...	...
2871	Fertilizers.....	12,273	4,692	17	177	...	...
2872	Fertilizers, mixing only.....					...	...
2873	Agricultural pesticides.....	2,592	1,446	(S)	(S)	...	...
2879	Agricultural chemicals, nec.....					...	...
289	Other chemical products.....	30,276	19,958	634	4,838	...	...
2891	Glue and gelatin.....	5,620	4,370	(S)	(S)	...	...
2892	Explosives.....	5,974	4,009	425	3,185	...	...
2893	Printing ink.....	1,933	675	...	...	...	...
2894	Fatty acids.....	2,077	1,521	(S)	(S)	...	...
2895	Carbon black.....	3,491	1,435	...	...	...	...
2899	Chemical preparations, nec.....	11,181	7,948	98	729	...	...
29	Petroleum and coal products.....	262,199	184,816	1,200	6,738	...	...
2911	Petroleum refining.....	240,018	101,687,777	1,069	5,757	...	...
295	Paving and roofing materials.....	18,163	13,394	98	724	...	...
2951	Paving mixtures and blocks.....	9,227	7,101	6	56	...	...
2952	Asphalt felts and coatings.....	8,336	6,293	92	668	...	...
299	Petroleum and coal products, nec.....	4,018	2,645	32	257	...	...
2992	Lubricating oils and greases.....	2,119	1,363	32	257	...	...
2999	Petroleum and coal products, nec.....	1,899	1,282	...	...	...	...
30	Rubber and plastics products, nec.....	97,851	39,331	2,426	16,545	...	...
3011	Tires and inner tubes.....	30,113	13,505	1,468	9,516	...	...
3021	Rubber footwear.....	2,811	1,120	(S)	(S)	...	...
3031	Reclaimed rubber.....	2,051	517	(S)	(S)	...	...
3069	Fabricated rubber products, nec.....	33,786	14,689	769	5,680	...	...
3079	Plastics products, nec.....	29,090	9,500	133	1,035	...	...
31	Leather and leather products.....	28,581	13,855	467	3,649	...	...
3111	Leather tanning and finishing.....	13,951	9,221	467	3,649	...	...
3121	Industrial leather belting.....	465	202	...	...	...	...
3131	Footwear cut stock.....	1,679	563	...	...	...	...
314	Footwear, except rubber.....	9,291	2,891	...	...	...	...
3141	Footwear, except rubber.....	8,777	2,718	...	...	...	...
3142	House slippers.....	514	173	...	...	...	...
3151	Leather gloves.....	275	128	...	...	...	...
3161	Luggage.....	896	256	...	...	...	...
317	Purses and small leather goods.....	1,701	486	...	...	...	...
3171	Handbags and purses.....	814	169	...	...	...	...
3172	Small leather goods.....	887	317	...	...	...	...
3199	Leather goods, nec.....	323	108	...	...	...	...
32	Stone, clay and glass products.....	468,703	337,912	11,786	94,382	166	3,547
3211	Flat glass.....	18,976	13,373	383	2,679	...	...
322	Pressed and blown glassware.....	67,116	49,123	173	1,434	...	...
3221	Glass containers.....	45,492	33,559	104	935	...	...
3229	Pressed and blown glass, nec.....	21,624	15,564	69	499	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-17

1958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued									
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated	Cost
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)	(\$1,000)	(\$1,000)	Quantity (million kw.-hrs.)	Cost (\$1,000)	(million kw.-hrs.)	(million kw.-hrs.)
									28
2,160	5,558	4,456	1,774	729	434	934	11,314	152	...
15	65	295	170	(S)	(S)	20	348	...	...
748	2,110	1,391	445	(S)	118	231	2,639	96	...
1,397	3,383	2,770	1,159	542	321	582	8,327	56	...
959	2,829	8,475	3,020	667	2,684	444	6,713	127	22
724	1,963	7,651	2,618	243	338	238	3,266	104	22
163	596	377	223	(S)	434	79	1,426	21	...
(S)	(S)	(S)	(S)	(S)	533	41	493	...	...
(S)	(S)	(S)	(S)	(S)	1,379	86	1,528	2	...
645	1,841	2,651	1,278	404	990	369	6,193	12	9
638	1,801	2,626	1,249	(S)	960	361	6,048	12	9
7	40	25	29	(S)	30	8	145	...	...
(S)	(S)	(S)	(S)	(S)	2,726	101	972	119	17
(S)	(S)	(S)	(S)	(S)	283	639	8,727	86	33
743	2,511	3,663	1,283	545	176	559	7,581	39	...
(S)	(S)	(S)	(S)	(S)	107	79	1,146	47	33
607	1,813	4,312	2,217	589	10,501	853	10,318	184	6
(S)	(S)	(S)	(S)	(S)	3,749	77	1,250	35	...
238	578	(S)	(S)	(S)	43	163	1,965	18	3
(S)	(S)	...	...	(S)	669	97	1,258	...	...
(S)	(S)	(S)	(S)	258	41	54	556	...	...
...	...	...	...	...	1,435	233	2,056	31	...
197	775	3,024	1,636	244	4,564	230	3,233	100	3
3,805	12,550	¹⁰ 794,456	154,365	¹⁰ 8,893	2,270	9,494	77,383	4,201	383
¹⁰ 1,933	5,352	¹⁰ 783,694	150,326	¹⁰ 7,198	144	9,115	*71,241	4,182	382
1,696	6,600	9,996	3,732	1,575	763	303	4,769	19	1
850	3,958	2,751	1,375	1,324	388	144	2,726	...	...
867	2,642	7,245	2,357	251	375	159	2,043	19	1
176	598	766	307	120	1,363	77	1,373	...	...
176	598	766	307	120	81	39	756	...	...
...	...	...	...	...	1,282	38	617	...	...
3,061	11,783	20,700	7,188	1,466	2,349	4,819	58,520	707	67
278	1,167	8,982	2,442	52	328	1,779	16,608	614	66
(S)	(S)	(S)	(S)	(S)	(S)	111	1,691	2	...
(S)	(S)	(S)	(S)	(S)	(S)	178	1,534	...	...
1,335	4,664	7,274	2,451	616	1,278	1,416	19,097	87	...
1,172	5,114	4,044	2,135	552	664	1,335	19,590	5	1
920	3,120	1,928	929	965	5,192	776	14,726	163	2
920	3,120	1,928	929	965	558	277	4,730	158	1
...	...	...	...	...	202	15	263	...	...
...	...	...	...	...	563	55	1,116	...	...
...	...	...	...	...	2,891	321	6,400	5	1
...	...	...	...	...	2,718	305	6,059	4	...
...	...	...	...	...	173	16	341	2	1
...	...	...	...	...	128	6	147	...	...
...	...	...	...	...	256	35	640	...	...
...	...	...	...	...	486	59	1,215	...	...
...	...	...	...	...	169	27	645	...	...
...	...	...	...	...	317	32	570	...	...
...	...	...	...	...	108	9	215	...	...
13,651	46,192	446,111	155,243	12,872	25,676	12,089	130,791	2,362	94
...	...	29,037	10,598	96	...	612	5,603	194	...
1,896	5,523	98,586	40,036	1,340	790	1,867	17,993	23	...
1,550	4,772	69,689	27,354	447	51	1,303	11,933	22	...
346	751	28,897	12,682	893	739	564	6,060	1	...

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
32	Stone, clay and glass products--Continued						
3231	Products of purchased glass.....	4,966	2,484	93	645	...	...
3241	Cement, hydraulic.....	161,469	116,778	7,983	61,221	(S)	(S)
325	Structural clay products.....	68,714	55,944	1,242	9,202	(S)	(S)
3251	Brick and structural tile.....	38,241	31,116	616	4,934	...	...
3253	Ceramic wall and floor tile.....	4,501	3,261	(S)	(S)	...	...
3255	Clay refractories.....	11,925	9,514	(S)	(S)	...	...
3259	Structural clay products, nec.....	14,047	12,053	435	2,961	(S)	(S)
326	Pottery and related products.....	12,913	9,155	...	...	...	...
3261	Vitreous plumbing fixtures.....	4,375	3,286	...	...	...	...
3262	Vitreous china food utensils.....	1,720	1,284	...	...	...	...
3263	Earthenware food utensils.....	1,655	1,159	...	...	...	...
3264	Porcelain electrical supplies.....	2,698	1,788	...	...	...	...
3269	Pottery products, nec.....	2,465	1,638	...	...	...	...
327	Concrete and plaster products.....	81,055	57,907	1,407	14,303	(S)	(S)
3271	Concrete block and brick.....	8,549	5,218	11	417	...	...
3272	Concrete products.....	10,707	6,794	(S)	(S)	...	...
3273	Ready-mixed concrete.....	24,353	17,650	(S)	(S)	...	...
3274	Lime.....	22,112	18,504	1,140	11,815	(S)	(S)
3275	Gypsum products.....	15,334	9,741	(S)	(S)	...	...
3281	Cut stone and stone products.....	3,913	1,809	23	254	...	...
329	Nonmetallic minerals, nec.....	49,581	31,339	482	4,644	96	2,564
3291	Abrasive products.....	7,749	4,135	108	1,199	(S)	(S)
3292	Asbestos products.....	8,669	4,470	155	1,404	...	...
3293	Gaskets and insulations.....	3,525	2,112	38	613	...	...
3295	Minerals: Ground or treated.....	8,268	5,340	(S)	(S)	...	...
3296	Mineral wool.....	12,706	9,239	113	752	(S)	(S)
3297	Nonclay refractories.....	7,367	5,487	33	332	(S)	(S)
3299	Nonmetallic minerals, nec.....	991	556	(S)	(S)	...	...
33	Primary metal industries.....	1,113,285	743,509	11,325	83,536	¹⁰ 12,999	254,707
331	Steel rolling and finishing.....	732,845	¹¹ 542,112	8,154	54,888	11,316	210,448
3312	Blast furnaces and steel mills.....	676,243	520,557	6,741	47,394	11,282	209,636
3313	Electrometallurgical products.....	30,537	8,282	1,228	5,960	(S)	(S)
3315	Steel wire drawing.....	8,545	4,088	54	498	...	...
3316	Cold finishing of steel shapes.....	7,123	3,647	66	525	(S)	(S)
3317	Steel pipe and tubes.....	10,397	5,538	65	511	(S)	(S)
332	Iron and steel foundries.....	100,106	63,433	459	4,787	1,288	36,021
3321	Gray iron foundries.....	58,230	42,246	137	1,470	1,139	31,415
3322	Malleable iron foundries.....	13,946	9,955	226	2,396	133	4,147
3323	Steel foundries.....	27,930	11,232	95	921	16	459
333	Primary nonferrous metal.....	132,702	57,410	1,379	12,994	358	7,212
3331	Primary copper.....	21,764	16,273	201	1,824	49	1,112
3332	Primary lead.....	8,111	7,180	117	1,180	198	4,528
3333	Primary zinc.....	19,505	10,274	(S)	(S)	111	1,572
3334	Primary aluminum.....	79,224	22,880	(S)	(S)	...	...
3339	Primary nonferrous metals, nec.....	4,098	803	...	...	...	...
3341	Secondary nonferrous metals.....	10,160	7,528	20	121	32	852
335	Nonferrous rolling and drawing.....	78,849	35,688	849	7,006	...	...
3351	Copper rolling and drawing.....	22,264	10,411	343	2,755	...	...
3352	Aluminum rolling and drawing.....	30,365	14,770	(S)	(S)	...	...
3356	Rolling and drawing, nec.....	7,960	3,729	(S)	(S)	...	...
3357	Nonferrous wire drawing, etc.....	18,260	6,778	222	2,064	...	...
336	Nonferrous foundries.....	21,019	11,562	26	209	6	174
3361	Aluminum castings.....	10,931	6,164	(S)	(S)	(S)	(S)
3362	Brass, bronze, copper castings.....	4,718	2,805	10	89	(S)	(S)
3369	Nonferrous castings, nec.....	5,370	2,593	...	...	...	...
339	Primary metal industries, nec.....	37,604	25,776	439	3,531	...	...
3391	Iron and steel forgings.....	25,995	19,390	439	3,531	...	...
3392	Nonferrous forgings.....	3,955	2,118	...	...	...	...
3399	Primary metal industries, nec.....	7,654	4,268	...	...	...	...
34	Fabricated metal products.....	200,409	91,722	1,020	8,710	149	4,415
3411	Metal cans.....	12,998	6,597	73	617	...	...
342	Cutlery, hand tools, hardware.....	23,422	10,719	181	1,879	...	...
3421	Cutlery.....	1,923	868	...	...	...	...
3423	Edge tools.....	5,581	2,845	...	...	...	...
3425	Hand saws and saw blades.....	1,414	614	...	...	...	...
3429	Hardware, nec.....	14,504	6,392	181	1,879	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-19

958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued						Electric energy					
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated (million kw.-hrs.)	Sold (million kw.-hrs.)		
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)				
187	647	1,512	854	264	74	159	2,482	19	...	32	
(S)	(S)	160,945	43,722	(S)	...	5,017	44,691	1,923	30	3231	
(S)	(S)	91,867	35,361	(S)	4,321	853	12,770	8	...	325	
1,148	4,388	50,950	18,555	525	2,714	470	7,125	4	...	3251	
(S)	(S)	5,246	2,408	(S)	518	94	1,240	1	...	3253	
160	758	16,401	6,956	(S)	432	162	2,411	2	...	3255	
(S)	(S)	19,277	7,442	(S)	657	127	1,994	1	...	3259	
...	...	...	...	...	9,155	272	3,758	17	...	326
...	...	...	...	...	3,286	85	1,089	4	...	3261
...	...	...	...	...	1,284	30	436	7	...	3262
...	...	...	...	...	1,159	35	496	...	...	3263
...	...	...	...	...	1,788	72	910	6	...	3264
...	...	...	...	...	1,638	50	827	...	...	3269
3,582	14,866	34,887	12,670	8,545	(S)	1,457	23,148	15	...	327	
598	2,450	1,631	1,073	928	350	167	3,331	3	...	3271	
458	2,211	2,170	1,336	1,011	(S)	194	3,913	...	...	3272
891	5,096	1,899	1,053	6,395	4,602	326	6,703	...	...	3273
293	1,341	15,338	4,542	174	(S)	295	3,608	10	...	3274	
1,341	3,768	13,849	4,666	37	(S)	475	5,593	1	...	3275	
206	1,179	222	157	203	16	123	2,104	40	...	3281	
1,814	6,668	29,054	11,845	1,262	(S)	1,729	18,242	122	65	329	
234	1,192	2,539	1,162	142	(S)	501	3,614	29	...	3291	
389	1,374	2,477	931	694	67	368	4,199	73	65	3292	
369	1,083	682	401	(S)	(S)	89	1,413	7	...	3293	
269	934	1,447	609	(S)	3,371	215	2,928	...	...	3295
255	835	13,678	5,018	(S)	320	351	3,467	12	...	3296	
281	1,165	7,967	3,658	4	(S)	178	2,186	...	...	3297
17	85	264	66	(S)	195	28	435	...	...	3299
47,083	157,803	¹⁰ 634,683	220,694	19,449	7,320	^r 49,824	369,776	24,180	3,263	33	
37,202	122,966	379,320	137,248	14,073	2,489	22,155	190,733	13,076	2,282	331	
36,332	120,012	361,270	127,977	13,455	2,083	16,350	*155,686	10,306	2,165	3312	
171	736	985	606	(S)	(S)	4,815	22,255	2,763	116	3313	
413	1,178	3,746	1,989	164	259	337	4,457	3	1	3315	
154	555	5,113	2,416	(S)	(S)	258	3,476	1	...	3316	
132	485	8,207	4,260	147	(S)	395	4,859	4	...	3317	
1,891	7,761	27,434	13,614	(S)	(S)	2,647	36,673	33	...	332	
842	2,991	11,522	5,682	(S)	(S)	1,096	15,984	17	...	3321	
262	1,217	5,214	2,149	(S)	(S)	305	3,991	9	...	3322	
787	3,553	10,697	5,783	401	115	1,246	16,698	7	...	3323	
2,259	6,579	148,598	29,267	(S)	(S)	19,137	75,292	10,552	940	333	
2,019	5,689	24,527	7,290	(S)	(S)	742	5,491	437	219	3331	
(S)	(S)	3,088	1,094	(S)	...	113	931	37	4	3332	
(S)	(S)	20,630	4,462	(S)	(S)	1,442	9,231	392	...	3333	
(S)	(S)	100,353	16,421	(S)	(S)	16,170	56,344	9,685	717	3334	
...	...	...	...	...	803	670	3,295	...	...	3339
625	2,683	6,512	3,280	(S)	(S)	189	2,632	...	...	3341
2,364	6,435	38,829	18,944	1,005	2,298	4,239	43,161	405	39	335	
1,293	2,733	7,644	4,708	162	53	975	11,853	249	4	3351	
480	1,644	21,489	9,856	557	(S)	1,975	15,595	52	17	3352	
101	435	5,902	2,796	248	(S)	415	4,231	7	...	3356	
490	1,623	3,794	1,584	38	1,469	874	11,482	97	19	3357	
627	2,723	12,450	7,105	342	1,009	611	9,457	...	...	336
273	1,307	7,097	4,107	(S)	466	337	4,767	...	...	3361
250	987	2,416	1,226	(S)	362	96	1,913	...	...	3362
104	429	2,937	1,772	211	181	178	2,777	...	...	3369
2,114	8,656	21,541	11,236	1,985	368	^r 846	11,828	115	1	339	
1,938	7,834	14,219	6,816	928	281	458	6,605	9	1	3391	
74	385	1,797	1,293	417	23	157	1,837	...	...	3392
101	437	5,525	3,127	640	64	^r 230	3,386	106	...	3399	
6,151	20,332	49,241	26,800	4,192	27,273	7,126	108,687	161	(⁸)	34	
330	1,094	8,954	4,591	244	51	535	6,401	7	...	3411	
634	1,828	2,956	1,698	423	4,891	802	12,703	75	...	342	
...	...	...	...	...	868	55	1,055	13	(⁸)	3421
...	...	...	...	...	2,845	155	2,736	34	...	3423
...	...	...	...	...	614	49	800	...	...	3425
634	1,828	2,956	1,698	423	564	542	8,112	27	...	3429	

MANUFACTURES—SUMMARY STATISTICS

Table 3.--Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
34	Fabricated metal products--Continued						
343	Plumbing and nonelectric heating.....	16,774	9,375	117	1,036	56	1,853
3431	Plumbing fixtures.....	5,942	4,200	(S)	(S)	37	1,260
3432	Plumbing fittings, brass goods.....	2,718	1,162	(S)	(S)	...	...
3433	Nonelectric heating equipment.....	8,114	4,013	46	421	18	593
344	Structural metal products.....	51,796	22,438	245	1,885	42	875
3441	Fabricated structural steel.....	13,038	5,359	41	405	9	203
3442	Metal doors, sash, and trim.....	7,669	3,144	39	281	(S)	(S)
3443	Boiler shop products.....	17,759	8,219	105	784	22	570
3444	Sheet metal work.....	7,610	3,357	46	261	(S)	(S)
3449	Miscellaneous metal work, nec.....	5,720	2,359	15	154	(S)	(S)
345	Screw machine products and bolts.....	16,274	6,522	97	778	...	...
3451	Screw machine products.....	4,734	1,487	12	104	...	...
3452	Bolts, nuts, washers, and rivets.....	11,540	5,035	85	669	...	...
3461	Metal stampings.....	24,733	10,707	175	1,461	...	...
347	Metal services, nec.....	17,684	8,052	...	...	...	...
3471	Plating and polishing.....	13,057	5,428	...	...	...	...
3479	Metal coating, engraving, etc.....	4,627	2,624	...	...	...	...
3481	Fabricated wire products, nec.....	8,639	3,555	...	...	...	...
349	Fabricated metal products, nec.....	28,089	13,757	131	1,054	51	1,687
3491	Metal barrels, drums and pails.....	3,139	1,539	...	...	...	...
3492	Safes and vaults.....	405	169	...	...	...	...
3493	Steel springs.....	2,482	1,580	...	...	...	...
3494	Valves and pipe fittings.....	14,646	7,550	131	1,054	51	1,687
3496	Collapsible tubes.....	664	236	...	...	...	...
3497	Metal foil and leaf.....	679	246	...	...	...	...
3498	Fabricated pipe and fittings.....	2,787	1,155	...	...	...	...
3499	Fabricated metal products, nec.....	3,287	1,282	...	...	...	...
35	Machinery, except electrical.....	210,463	95,245	1,616	13,840	121	3,978
351	Engines and turbines.....	17,748	11,062	377	3,738	...	...
3511	Steam engines and turbines.....	9,248	7,032	222	2,434	...	...
3519	Internal combustion engines.....	8,500	4,030	155	1,304	...	...
3522	Farm machinery and equipment.....	21,858	13,401	541	3,899	92	3,034
353	Construction and like equipment.....	34,326	14,725	457	3,382	10	317
3531	Construction machinery.....	19,105	8,678	408	2,873	6	196
3532	Mining machinery and equipment.....	3,002	1,351	49	509	4	121
3533	Oil field machines and equipment.....	5,216	1,819	...	...	...	...
3534	Elevators and moving stairways.....	1,052	427	...	...	...	...
3535	Conveyors.....	2,724	1,213	...	...	...	...
3536	Hoists, cranes, and monorails.....	1,363	577	...	...	...	...
3537	Industrial trucks and tractors.....	1,864	660	...	...	...	...
354	Metalworking machinery.....	34,758	13,643	...	...	...	...
3541	Metal-cutting machine tools.....	8,001	3,016	...	...	...	...
3542	Metal-forming machine tools.....	3,182	1,296	...	...	...	...
3544	Special dies and tools.....	11,164	4,291	...	...	...	...
3545	Machine tool accessories.....	6,574	2,154	...	...	...	...
3548	Metalworking machinery, nec.....	5,837	2,886	...	...	...	...
355	Special industry machinery.....	23,311	10,105	...	...	...	...
3551	Food products machinery.....	3,368	1,305	...	...	...	...
3552	Textile machinery.....	4,818	2,444	...	...	...	...
3553	Woodworking machinery.....	1,927	812	...	...	...	...
3554	Paper industries machinery.....	2,597	1,166	...	...	...	...
3555	Printing trades machinery.....	2,435	968	...	...	...	...
3559	Special industry machinery, nec.....	8,166	3,410	...	...	...	...
356	General industrial machinery.....	35,251	15,216	124	1,239	19	627
3561	Pumps and compressors.....	9,560	4,645	116	1,142	18	609
3562	Ball and roller bearings.....	9,441	3,833	...	...	...	...
3564	Blowers and fans.....	2,020	868	6	73	1	18
3565	Industrial patterns.....	1,003	405	...	...	...	...
3566	Power transmission equipment.....	7,622	3,356	...	...	...	...
3567	Industrial furnaces and ovens.....	1,267	516	...	...	...	...
3569	General industry machinery, nec.....	4,338	1,593	2	24	...	...
357	Office machines, nec.....	11,583	4,767	...	...	...	...
3571	Computing and related machines.....	7,210	2,909	...	...	...	...
3572	Typewriters.....	2,027	903	...	...	...	...
3576	Scales and balances.....	780	405	...	...	...	...
3579	Office machines, nec.....	1,566	550	...	...	...	...

See footnotes at end of table.

6-21

1958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued						Electric energy				
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated (million kw.-hrs.)	Sold (million kw.-hrs.)	
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
										34
532	2,086	6,381	3,709	198	493	490	7,399	22	...	343
146	525	3,384	1,839	(S)	65	135	1,742	20	...	3431
66	295	754	471	(S)	172	95	1,556	...	...	3432
320	1,266	2,242	1,399	78	256	259	4,101	1	...	3433
1,710	6,881	12,772	6,833	2,225	3,739	1,880	29,358	45	...	344
666	2,244	2,164	1,294	650	563	486	7,679	1	...	3441
167	1,058	1,367	842	(S)	795	267	4,525	...	...	3442
418	2,194	5,803	2,460	839	1,372	711	9,540	37	...	3443
182	735	2,305	1,491	(S)	515	225	4,253	6	...	3444
277	650	1,134	746	(S)	496	192	3,361	...	...	3449
806	2,221	5,268	2,642	179	702	573	9,752	4	...	345
188	552	1,107	389	59	378	164	3,247	1	...	3451
618	1,669	4,161	2,253	120	324	409	6,505	3	...	3452
1,502	3,663	6,748	4,206	476	901	944	14,026	...	...	3461
...	...	...	...	...	8,052	657	9,632	2	...	347
...	...	...	...	...	5,428	515	7,629	2	(B)	3471
...	...	...	...	...	2,624	142	2,003	...	...	3479
...	...	...	...	...	3,555	292	5,084	2	...	3481
638	2,559	6,161	3,121	447	4,889	954	14,332	4	...	349
96	440	1,577	812	231	56	97	1,600	...	...	3491
...	...	...	...	...	169	17	236	...	...	3492
...	...	...	...	...	1,580	63	902	...	...	3493
542	2,119	4,585	2,309	216	165	487	7,096	4	...	3494
...	...	...	...	...	236	32	428	...	...	3496
...	...	...	...	...	246	32	433	...	...	3497
...	...	...	...	...	1,155	111	1,632	...	...	3498
...	...	...	...	...	1,282	115	2,005	...	...	3499
3,747	12,099	25,523	12,358	5,276	47,694	7,602	115,218	721	229	35
1,223	4,088	3,066	1,747	1,271	218	509	6,686	330	216	351
984	2,859	1,352	735	866	138	174	2,216	323	216	3511
239	1,229	1,715	1,012	405	80	335	4,470	7	...	3519
468	1,490	6,600	3,328	1,043	607	569	8,457	223	13	3522
502	2,125	4,576	2,479	1,194	5,228	1,467	19,601	17	...	353
477	1,969	4,030	2,157	1,127	356	804	10,427	13	...	3531
26	156	546	322	67	176	106	1,651	4	...	3532
...	...	...	...	...	1,819	308	3,397	(B)	...	3533
...	...	...	...	...	427	41	625	...	...	3534
...	...	...	...	...	1,213	84	1,511	...	...	3535
...	...	...	...	...	577	49	786	...	...	3536
...	...	...	...	...	660	75	1,204	...	...	3537
...	...	...	...	...	13,643	1,230	21,115	17	(B)	354
...	...	...	...	...	3,016	299	4,985	6	...	3541
...	...	...	...	...	1,296	115	1,886	1	...	3542
...	...	...	...	...	4,291	349	6,873	3	...	3544
...	...	...	...	...	2,154	271	4,420	2	(B)	3545
...	...	...	...	...	2,886	196	2,951	4	...	3548
...	...	...	...	...	10,105	813	13,206	30	...	355
...	...	...	...	...	1,305	110	2,063	1	...	3551
...	...	...	...	...	2,444	143	2,374	20	...	3552
...	...	...	...	...	812	90	1,115	(B)	...	3553
...	...	...	...	...	1,166	92	1,431	(B)	...	3554
...	...	...	...	...	968	81	1,467	...	...	3555
...	...	...	...	...	3,410	296	4,756	10	...	3559
404	1,476	5,552	1,807	589	9,478	1,330	20,035	31	(B)	356
282	1,049	4,756	1,321	453	71	325	4,915	26	...	3561
...	...	...	...	...	3,833	434	5,608	...	...	3562
113	344	362	294	98	41	65	1,152	1	...	3564
...	...	...	...	...	405	26	598	(B)	...	3565
...	...	...	...	...	3,356	275	4,266	(B)	...	3566
...	...	...	...	...	516	35	751	2	...	3567
9	83	434	192	38	1,256	170	2,745	1	(B)	3569
...	...	...	...	...	4,767	477	6,816	62	...	357
...	...	...	...	...	2,909	316	4,301	62	...	3571
...	...	...	...	...	903	74	1,124	...	...	3572
...	...	...	...	...	405	18	375	(B)	...	3576
...	...	...	...	...	550	69	1,016	(B)	...	3579

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
35	Machinery, except electrical--Continued						
358	Service industry machines.....	15,397	6,365	91	1,235	...	...
3581	Automatic vending machines.....	914	352	3	28	...	...
3582	Commercial laundry equipment.....	835	405	...	...	...	...
3584	Vacuum cleaners, industrial.....	60	23	...	...	...	...
3585	Refrigeration machinery.....	11,334	4,626	88	1,207	...	...
3586	Measuring and dispensing pumps.....	786	367	...	...	...	...
3589	Service industry machines, nec.....	1,468	592	...	...	...	...
3599	Machine shops.....	16,231	5,961	26	347	...	...
36	Electrical machinery.....	153,602	58,480	968	8,405	6	216
361	Electric distribution products.....	15,665	6,124	158	1,460	...	...
3611	Electric measuring instruments.....	3,776	1,039	...	...	...	...
3612	Transformers.....	6,768	3,237	158	1,460	...	...
3613	Switchgear and switchboards.....	5,121	1,848	...	...	...	...
362	Electric industrial apparatus.....	29,833	9,903	120	1,322	(S)	(S)
3621	Motors and generators.....	13,376	4,491	(S)	(S)	...	...
3622	Industrial controls.....	3,295	1,073	(S)	(S)	(S)	(S)
3623	Welding apparatus.....	1,988	830	...	...	...	...
3624	Carbon and graphite products.....	8,504	2,678	...	...	...	...
3629	Electric industrial goods, nec.....	2,670	831	...	...	...	...
363	Household appliances.....	30,753	14,315	258	1,967	(S)	(S)
3631	Household cooking equipment.....	4,232	2,043	25	207	(S)	(S)
3632	Household refrigerators.....	11,405	5,644	231	1,749	...	...
3633	Household laundry equipment.....	5,655	2,447	...	...	...	...
3634	Electric housewares and fans.....	4,104	1,692	...	...	...	...
3635	Household vacuum cleaners.....	845	306	...	...	...	...
3636	Sewing machines.....	1,208	600	...	...	...	...
3639	Household appliances, nec.....	3,304	1,583	2	11	...	...
364	Lighting and wiring devices.....	19,256	8,202	...	...	...	...
3641	Electric lamps.....	4,077	1,468	...	...	...	...
3642	Lighting fixtures.....	7,425	3,136	...	...	...	...
3643	Current carrying devices.....	3,422	1,277	...	...	...	...
3644	Noncurrent carrying devices.....	4,332	2,321	...	...	...	...
365	Radio, TV, receiving equipment.....	6,327	2,359	52	370	...	...
3651	Radios and TV receiving sets.....	4,785	1,616	52	370	...	...
3652	Phonograph records.....	1,542	743	...	...	...	...
366	Communication equipment.....	16,246	6,583	311	2,572	...	...
3661	Telephone; telegraph apparatus.....	6,938	3,495	249	2,042	...	...
3662	Radio, TV communication equipment.....	9,308	3,088	63	530	...	...
367	Electronic components.....	22,227	6,320	68	714	...	...
3671	Electron tubes, receiving type.....	3,320	854	(S)	(S)	...	...
3672	Cathode ray picture tubes.....	2,327	777	(S)	(S)	...	...
3673	Electron tubes, transmitting.....	3,509	868	(S)	(S)	...	...
3679	Electronic components, nec.....	13,071	3,821	30	295	...	...
369	Electrical products, nec.....	13,295	4,674	...	...	...	...
3691	Storage batteries.....	6,026	1,955	...	...	...	...
3692	Primary batteries, dry and wet.....	953	483	...	...	...	...
3693	X-ray and therapeutic apparatus.....	598	147	...	...	...	...
3694	Engine electrical equipment.....	4,495	1,671	...	...	...	...
3699	Electrical products, nec.....	1,223	418	...	...	...	...
37	Transportation equipment.....	253,420	100,224	3,840	31,416	78	2,527
371	Motor vehicles and equipment.....	145,223	63,015	3,001	24,573	78	2,527
3713	Truck and bus bodies.....	2,988	1,238	25	253	...	...
3715	Truck trailers.....	2,059	878	6	95	...	...
3717	Motor vehicles and parts.....	140,176	60,899	2,969	24,225	78	2,527
372	Aircraft and parts.....	76,017	22,420	466	3,737	...	...
3721	Aircraft.....	25,636	6,143	(S)	(S)	...	...
3722	Aircraft engines and parts.....	27,160	8,931	234	1,890	...	...
3723	Aircraft propellers and parts.....	2,384	671	(S)	(S)	...	...
3729	Aircraft equipment, nec.....	20,837	6,675	109	996	...	...
373	Ships and boats.....	19,375	7,903	89	948	...	...
3731	Ship building and repairing.....	16,842	6,967	74	828	...	...
3732	Boat building and repairing.....	2,533	936	15	120	...	...
374	Railroad equipment.....	9,285	5,337	278	2,090	...	...
3741	Locomotives and parts.....	2,986	1,764	(S)	(S)	...	...
3742	Railroad and street cars.....	6,299	3,573	(S)	(S)	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-23

1958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued						Electric energy				
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated	Sold	
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
391	1,012	2,859	1,488	587	2,043	612	9,032	3	...	358
5	29	211	110	3	182	32	562	3	(^a)	3581
...	...	...	...	...	405	26	430	3	...	3582
...	...	...	...	...	23	1	37	...	...	3584
386	983	2,649	1,378	584	474	478	6,708	(^a)	...	3585
...	...	...	...	...	367	25	419	...	...	3586
...	...	...	...	...	592	50	876	(^a)	...	3589
759	1,908	2,868	1,509	592	1,605	596	10,270	9	(^a)	3599
2,347	7,763	19,056	10,008	4,056	28,032	7,688	95,122	382	56	36
(s)	(s)	4,541	1,722	(s)	1,326	710	9,541	120	26	361
...	...	...	...	...	1,039	189	2,737	...	...	3611
(s)	(s)	3,913	1,261	(s)	99	303	3,531	115	26	3612
(s)	(s)	628	461	(s)	188	218	3,273	4	...	3613
295	1,032	3,067	1,593	(s)	4,660	1,952	19,930	43	3	362
193	647	2,603	1,265	(s)	240	718	8,885	43	3	4621
102	385	464	328	(s)	81	159	2,222	...	...	3622
...	...	...	...	...	830	73	1,158	...	...	3623
...	...	...	...	...	2,678	862	5,826	...	...	3624
...	...	...	...	...	831	140	1,839	...	...	3629
(s)	(s)	6,413	3,363	610	7,100	1,408	16,438	2	...	363
(s)	(s)	1,605	740	(s)	419	192	2,189	...	...	3631
(s)	(s)	3,426	1,753	(s)	1,223	573	5,761	...	...	3632
...	...	...	...	...	2,447	269	3,208	2	...	3633
...	...	...	...	...	1,692	164	2,412	...	...	3634
...	...	...	...	...	306	37	539	...	...	3635
...	...	...	...	...	600	48	608	...	...	3636
105	258	1,381	870	31	413	127	1,721	...	...	3639
...	...	...	...	...	8,202	759	11,054	...	...	364
...	...	...	...	...	1,468	199	2,609	...	...	3641
...	...	...	...	...	3,136	292	4,289	...	...	3642
...	...	...	...	...	1,277	126	2,145	...	...	3643
...	...	...	...	...	2,321	141	2,011	...	...	3644
209	696	325	272	96	925	282	3,968	1	...	365
209	696	325	272	96	182	231	3,169	1	...	3651
...	...	...	...	...	743	51	799	...	...	3652
694	2,215	1,030	747	586	463	734	9,663	206	26	366
204	673	512	297	326	157	269	3,443	169	20	3661
490	1,542	517	450	260	306	465	6,220	36	6	3662
587	2,002	3,680	2,311	611	682	1,161	15,907	...	...	367
94	312	935	354	(s)	...	201	2,466	...	...	3671
36	199	608	438	(s)	16	143	1,550	...	...	3672
67	198	513	342	(s)	20	201	2,641	...	...	3673
390	1,293	1,624	1,177	410	646	616	9,250	...	...	3679
...	...	...	...	...	4,674	681	8,621	10	(^a)	369
...	...	...	...	...	1,955	346	4,071	1	...	3691
...	...	...	...	...	485	37	470	...	...	3692
...	...	...	...	...	147	28	451	...	...	3693
...	...	...	...	...	1,671	223	2,824	9	(^a)	3694
...	...	...	...	...	418	48	805	...	...	3699
7,388	22,042	55,772	25,969	14,218	4,052	13,374	153,196	365	95	37
3,688	9,026	31,165	15,689	9,878	1,322	7,020	82,208	248	86	371
54	331	440	390	125	139	95	1,750	...	...	3713
149	441	215	155	34	153	84	1,181	...	...	3715
3,485	8,254	30,510	15,144	9,719	1,030	6,841	79,277	248	86	3717
2,217	7,517	16,603	6,903	3,174	1,089	5,016	53,597	18	...	372
558	2,143	8,501	2,892	(s)	137	2,098	19,493	...	...	3721
1,006	2,970	3,110	1,561	2,154	356	1,557	*18,229	3	...	3722
(s)	(s)	(s)	(s)	(s)	2	139	1,713	...	...	3723
(s)	(s)	(s)	(s)	797	594	1,222	*14,162	15	4	3729
1,000	3,379	5,306	2,037	761	778	928	11,472	15	4	373
939	3,127	4,922	1,809	642	561	815	9,875	15	4	3731
61	252	384	228	119	217	113	1,597	...	...	3732
412	1,765	2,350	1,124	336	22	295	3,948	84	(^a)	374
118	556	215	161	(s)	(s)	104	1,222	69	(^a)	3741
294	1,209	2,135	963	(s)	(s)	191	2,726	16	...	3742

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Fuels and Electric Energy Used, by Major Industry Group,

Code	Industry group and industry	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
37	Transportation equipment--Continued						
3751	Motorcycles, bicycles, and parts.....	1,137	569	...	...	...	...
379	Transportation equipment, nec.....	2,383	980	6	68	...	...
3791	Trailer coaches.....	1,692	697	(S)	(S)	...	...
3799	Transportation equipment, nec.....	691	283	(S)	(S)	...	...
38	Instruments and related products.....	31,635	14,424	432	4,091	...	...
3811	Scientific instruments.....	5,280	1,546	...	...	...	...
382	Mechanical measuring devices.....	6,879	2,426	...	...	...	...
3821	Mechanical measuring devices.....	4,486	1,576	...	...	...	...
3822	Automatic temperature controls.....	2,393	850	...	...	...	...
3831	Optical instruments and lenses.....	732	293	...	...	...	...
384	Medical instruments and supplies.....	4,725	1,927	...	...	...	...
3841	Surgical and medical instruments.....	998	407	...	...	...	...
3842	Surgical appliances and supplies.....	2,935	1,232	...	...	...	...
3843	Dental equipment and supplies.....	792	288	...	...	...	...
3851	Ophthalmic goods.....	2,164	1,064	...	...	...	...
3861	Photographic equipment.....	9,913	6,430	432	4,091	...	...
387	Watches and clocks.....	1,942	738	...	...	...	...
3871	Watches and clocks.....	1,668	665	...	...	...	...
3872	Watchcases.....	274	73	...	...	...	...
19) 39)	Miscellaneous manufacturing, including Ordnance..	65,142	27,327	147	1,243	...	...
391	Jewelry and silverware.....	4,677	1,823	...	...	...	...
3911	Jewelry, precious metal.....	1,433	424	...	...	...	...
3912	Jewelers' findings and materials.....	716	247	...	...	...	...
3913	Lapidary work.....	101	41	...	...	...	...
3914	Silverware and plated ware.....	2,427	1,111	...	...	...	...
3931	Musical instruments and parts.....	1,808	831	...	...	...	...
394	Toys and sporting goods.....	10,227	3,743	...	...	...	...
3941	Games and toys, nec.....	4,562	1,530	...	...	...	...
3942	Dolls.....	1,042	325	...	...	...	...
3943	Children's vehicles.....	582	283	...	...	...	...
3949	Sporting and athletic goods, nec.....	4,041	1,605	...	...	...	...
395	Office supplies.....	3,068	1,136	...	...	...	...
3951	Pens and mechanical pencils.....	897	228	...	...	...	...
3952	Lead pencils and art goods.....	899	434	...	...	...	...
3953	Marking devices.....	498	157	...	...	...	...
3955	Carbon paper and inked ribbons.....	774	317	...	...	...	...
396	Costume jewelry and notions.....	5,091	1,781	...	...	...	...
3961	Costume jewelry.....	1,749	511	...	...	...	...
3962	Artificial flowers.....	516	235	...	...	...	...
3963	Buttons.....	828	256	...	...	...	...
3964	Needles, pins, and fasteners.....	1,998	779	...	...	...	...
398) 399)	Miscellaneous manufactures.....	40,271	18,013	(S)	(S)	...	...
3981	Brooms and brushes.....	1,733	619	...	...	...	...
3982	Hard surface floor coverings.....	3,978	2,459	(S)	(S)	...	...
3983	Matches.....	656	335	...	...	...	...
3984	Candles.....	336	250	...	...	...	...
3987	Lamp shades.....	215	66	...	...	...	...
3988	Morticians' goods.....	1,948	901	...	...	...	...
3992	Furs, dressed and dyed.....	221	90	...	...	...	...
3993	Signs and advertising displays.....	3,963	1,699	...	...	...	...
3995	Umbrellas, parasols and canes.....	180	73	...	...	...	...
3999	Miscellaneous products, nec.....	3,185	1,388	...	...	...	...
1911	Guns, howitzers, and mortars.....	143	77	...	...	...	...
1921	Artillery ammunition.....	1,465	772	...	...	...	...
1922	Ammunition loading and assembling.....	5	4	...	...	...	...
1925	Complete guided missiles.....	10,589	4,077	(S)	(S)	...	...
1929	Ammunition, nec.....	854	453	(S)	(S)	...	...
1931	Tanks and tank components.....	1,396	621	...	...	...	...
1941	Sighting and fire control equipment.....	3,705	1,005	...	...	...	...
1951	Small arms, 30 mm and under.....	1,650	1,011	...	...	...	...
1961	Small arms ammunition.....	2,592	1,594	...	...	...	...
1999	Ordnance and accessories.....	1,457	519	...	...	...	...

Note: Detailed figures may not add to totals because of independent rounding.

*Revised. Revision made too late to be included in table 3 of Volume II (Industry Statistics).

D Withheld to avoid disclosing figures for individual companies.

S Withheld because the figure did not meet publication standards either on the basis that it would disclose the operations of individual companies or represents incomplete reporting.

¹Includes distillate and residual oil.

²Includes natural, manufactured and mixed gas.

³The principal fuels included in this column are gasoline, liquefied petroleum gas and wood.

⁴In addition, 36,221 thousand tons were consumed by establishments manufacturing and consuming coke at the same location (e.g. combined coke oven, blast furnace and steel mill activity); see text for further explanation.

FUELS AND ELECTRIC ENERGY CONSUMED

6-25

1958 and 1954, and by Individual Industries, 1958--Continued

Purchased fuels--Continued						Electric energy				
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated	Sold	
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
...	...	...	...	...	569	45	568	...	...	37
71	355	348	216	69	272	72	1,403	...	...	3751
63	291	287	164	(S)	136	50	995	...	...	379
8	64	61	52	(S)	136	22	408	...	...	3791
152	759	595	410	850	8,314	1,083	17,211	368	14	3799
...	...	...	...	...	1,546	261	3,734	1	...	38
...	...	...	...	...	2,426	292	4,453	3	...	3811
...	...	...	...	...	1,576	172	2,910	3	...	382
...	...	...	...	...	850	120	1,543	...	...	3821
...	...	...	...	...	293	22	439	...	...	3822
...	...	...	...	...	1,927	164	2,798	...	...	3831
...	...	...	...	...	407	33	591	...	...	384
...	...	...	...	...	1,232	105	1,703	...	...	3841
...	...	...	...	...	288	26	504	...	...	3842
...	...	...	...	...	1,064	59	1,100	20	...	3843
152	759	595	410	850	320	220	3,483	344	14	3851
...	...	...	...	...	738	64	1,204	...	...	3861
...	...	...	...	...	665	56	1,003	...	...	387
...	...	...	...	...	73	9	201	...	...	3871
1,044	3,627	5,779	2,640	1,866	17,951	2,498	37,815	115	42	3872
...	...	...	...	...	1,823	153	2,854	17	14	19
...	...	...	...	...	424	45	1,009	(8)	...	39
...	...	...	...	...	247	27	469	...	...	391
...	...	...	...	...	41	2	60	...	...	3911
...	...	...	...	...	1,111	78	1,316	17	14	3912
...	...	...	...	...	831	54	977	2	...	3913
...	...	...	...	...	3,743	368	6,484	3	...	3914
...	...	...	...	...	1,530	173	3,032	1	...	3931
...	...	...	...	...	325	38	717	...	...	394
...	...	...	...	...	283	17	299	...	...	3941
...	...	...	...	...	1,605	141	2,436	2	...	3942
...	...	...	...	...	1,136	108	1,932	...	...	3943
...	...	...	...	...	228	41	669	...	...	3949
...	...	...	...	...	434	29	465	...	...	395
...	...	...	...	...	157	14	341	...	...	3951
...	...	...	...	...	317	24	457	...	...	3952
...	...	...	...	...	1,781	164	3,310	5	...	3953
...	...	...	...	...	511	56	1,238	...	...	3955
...	...	...	...	...	235	12	281	...	...	396
...	...	...	...	...	256	32	572	...	...	3961
...	...	...	...	...	779	64	1,219	5	...	3962
(S)	(S)	(S)	(S)	(S)	(S)	488	22,258	89	28	3963
...	...	...	...	...	619	56	1,114	1	...	3964
(S)	(S)	(S)	(S)	(S)	(S)	129	1,519	16	...	398
...	...	...	...	...	335	25	321	6	...	399
...	...	...	...	...	250	4	86	...	...	3981
...	...	...	...	...	66	7	149	...	...	3982
...	...	...	...	...	901	50	1,047	3	...	3983
...	...	...	...	...	90	6	131	...	...	3984
...	...	...	...	...	1,699	112	2,264	...	...	3987
...	...	...	...	...	73	5	107	...	...	3988
...	...	...	...	...	1,388	94	1,797	...	...	3992
(S)	(S)	...	...	...	(S)	4	66	...	...	3993
47	184	1,048	355	189	44	42	693	...	...	3995
...	...	...	...	...	4	...	1	3	...	3997
182	562	1,543	736	(S)	2,563	649	6,512	...	...	1911
(S)	(S)	(S)	(S)	(S)	16	25	401	16	...	1921
(S)	(S)	(S)	(S)	(S)	(S)	61	775	...	...	1922
(S)	(S)	(S)	(S)	(S)	(S)	194	2,700	...	...	1925
283	744	244	118	136	13	40	639	33	28	1929
(S)	(S)	(S)	(S)	(S)	(S)	68	998	10	(8)	1931
...	...	...	...	...	519	78	958	...	...	1961
...	...	...	...	...	...	...	...	...	...	1999

³In addition, 66,103 thousand barrels were consumed in 1958 by petroleum establishments producing fuel oil; the comparable 1954 figure is 60,103 thousand barrels.

⁶In addition, 5,510,517 million cubic feet were consumed by establishments producing still blast and coke oven gases; the comparable 1954 figure is 3,062,075 million cubic feet.

⁷In addition, 3,062,075 million cubic feet were consumed by producing establishments.

⁸Less than 500 thousand KWH.

⁹Data for major groups 35 and 36 combined.

¹⁰In addition, 66,103 thousand barrels of residual fuel oils, and 671,999 million cubic feet of still gas were consumed in producing establishments.

¹¹In addition, 36,221 thousand tons of coke, and 4,838,518 million cubic feet of coke and blast furnace gases were consumed in producing establishments.

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Fuels and Electric Energy Used in the Manufacturing

	Division and State	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
1	United States, total.....1958..	5,061,930	2,834,065	81,716	637,614	⁴ 13,585	271,007
2	1954..	4,924,729	3,199,379	91,457	676,804	⁴ 54,371	867,865
3	New England.....1958..	310,900	164,913	2,420	30,007	53	1,508
4	1954..	265,539	143,864	3,044	36,380	269	4,975
5	Maine.....1958..	37,336	26,376	751	9,888	1	22
6	1954..	30,692	21,003	870	10,023	12	125
7	New Hampshire.....1958..	22,205	13,191	345	4,344	1	35
8	1954..	19,337	11,865	223	4,763	2	70
9	Vermont.....1958..	8,175	4,238	94	1,344	(S)	(S)
10	1954..	7,361	3,755	143	1,623	24	277
11	Massachusetts.....1958..	137,976	68,810	793	9,344	28	989
12	1954..	117,010	60,942	1,120	12,375	187	3,441
13	Rhode Island.....1958..	24,259	12,144	54	513	(S)	(S)
14	1954..	22,272	11,706	66	787	6	144
15	Connecticut.....1958..	80,949	40,154	383	4,574	12	390
16	1954..	68,867	34,593	622	6,809	38	918
17	Middle Atlantic.....1958..	1,088,052	653,686	19,283	155,130	5,826	96,863
18	1954..	1,201,358	820,626	22,687	177,168	17,393	265,842
19	New York.....1958..	363,666	191,852	5,709	58,031	1,095	19,134
20	1954..	388,951	234,205	7,539	69,079	3,248	49,743
21	New Jersey.....1958..	207,520	120,860	2,511	21,653	136	2,795
22	1954..	165,629	98,945	2,887	25,089	151	3,140
23	Pennsylvania.....1958..	516,866	340,974	11,063	75,446	4,595	74,934
24	1954..	646,778	487,476	12,261	83,000	13,994	212,959
25	East North Central.....1958..	1,491,168	852,375	34,129	261,956	5,153	115,095
26	1954..	1,633,561	1,159,821	38,172	271,261	23,359	391,738
27	Ohio.....1958..	517,042	271,314	10,577	77,437	2,616	44,998
28	1954..	581,165	433,352	12,763	82,066	10,603	152,929
29	Indiana.....1958..	188,565	112,288	4,320	29,805	183	4,712
30	1954..	311,522	247,196	4,942	31,122	6,422	115,368
31	Illinois.....1958..	359,718	223,960	7,022	45,802	1,912	53,260
32	1954..	326,457	219,210	7,610	48,528	3,987	78,771
33	Michigan.....1958..	298,764	170,014	8,535	71,868	351	9,110
34	1954..	307,604	195,248	8,821	72,645	2,215	41,683
35	Wisconsin.....1958..	127,079	74,799	3,675	37,044	91	3,015
36	1954..	106,813	64,815	4,036	36,900	132	2,987
37	West North Central.....1958..	247,757	134,736	4,219	30,836	136	3,831
38	1954..	218,666	126,222	4,666	33,149	685	12,685
39	Minnesota.....1958..	60,664	35,873	1,008	10,883	19	548
40	1954..	60,098	39,101	1,145	10,590	548	9,593
41	Iowa.....1958..	52,401	29,081	1,281	8,500	44	1,290
42	1954..	42,054	23,799	1,421	10,034	55	1,101
43	Missouri.....1958..	77,044	39,482	1,574	9,303	59	1,573
44	1954..	66,875	34,388	1,451	8,208	64	1,687
45	North Dakota.....1958..	1,954	1,060	44	279	(S)	(S)
46	1954..	1,305	720	63	410	(?)	9
47	South Dakota.....1958..	2,979	1,486	20	193	(S)	(S)
48	1954..	2,506	1,318	38	370	(?)	20
49	Nebraska.....1958..	16,470	9,007	134	800	9	217
50	1954..	17,355	12,084	165	1,134	11	273
51	Kansas.....1958..	36,245	18,747	158	878	5	183
52	1954..	28,473	14,812	383	2,403	7	202
53	South Atlantic.....1958..	565,668	316,904	14,362	107,179	234	5,043
54	1954..	511,030	325,114	14,713	105,077	4,843	65,885
55	Delaware.....1958..	22,213	14,858	119	11,198	2	40
56	1954..	12,074	7,637	189	1,451	1	37
57	Maryland.....1958..	79,316	44,045	1,237	10,201	41	447
58	1954..	116,784	90,962	1,117	8,335	3,120	43,495
59	District of Columbia.....1958..	2,857	1,328	(S)	(S)	...	...
60	1954..	2,155	930	11	114	...	...
61	Virginia.....1958..	86,185	56,877	3,984	34,063	145	3,343
62	1954..	69,906	47,538	4,120	32,673	126	3,213
63	West Virginia.....1958..	80,504	48,574	4,444	22,710	21	443
64	1954..	91,888	68,129	3,728	19,107	1,565	18,061
65	North Carolina.....1958..	84,932	40,467	2,002	17,399	17	448
66	1954..	72,852	33,600	2,183	18,838	13	337
67	South Carolina.....1958..	75,716	37,145	1,792	15,711	2	75
68	1954..	56,528	28,691	2,202	18,169	5	112
69	Georgia.....1958..	70,786	35,931	513	3,771	4	141
70	1954..	50,607	23,771	1,083	5,622	10	237
71	Florida.....1958..	63,159	37,679	(S)	(S)	2	106
72	1954..	38,236	23,856	80	768	3	393

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-27

Industries, by Divisions and States: 1958 and 1954

Purchased fuels--Continued						Electric energy			
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs)	
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)		
⁵ 166,719	522,704	⁶ 3,112,212	900,901	⁵ 147,873	353,966	^r 251,816	2,227,865	66,457	1
⁵ 185,541	578,220	⁶ 5,914,855	847,268	⁷ 200,553	28,669	187,027	1,725,350	60,639	2
22,799	71,313	29,278	13,638	11,771	36,676	9,190	145,987	2,484	3
27,130	76,289	18,257	11,152	13,519	1,549	7,966	121,675	2,553	4
4,103	12,461	553	318	806	2,881	1,065	10,960	1,191	5
2,830	8,168	527	370	2,145	172	961	9,689	1,209	6
1,041	3,688	348	247	3,448	1,429	635	9,014	168	7
1,015	2,923	227	168	3,826	115	612	7,472	95	8
330	1,085	316	201	(S)	1,392	233	3,937	83	9
378	1,440	141	62	324	29	230	3,606	52	10
9,082	29,483	16,880	6,825	5,442	16,727	4,055	69,166	598	11
11,827	34,041	9,190	5,676	4,720	689	3,472	56,068	717	12
2,071	7,103	3,457	1,310	(S)	2,890	669	12,115	74	13
3,636	9,259	3,201	1,057	316	143	565	10,566	81	14
6,172	17,493	7,724	4,737	1,543	11,417	2,533	40,795	370	15
7,444	20,458	4,971	3,819	2,188	401	2,126	34,274	399	16
50,828	156,615	305,378	124,813	34,503	85,762	^r 35,030	434,366	7,336	17
56,684	184,462	1,424,308	145,030	41,043	7,081	32,727	380,732	6,662	18
12,976	44,830	49,451	22,642	11,512	35,703	14,074	171,814	1,874	19
15,378	66,290	295,787	32,413	14,387	2,293	15,321	154,746	1,678	20
19,122	53,726	25,423	12,361	10,039	20,286	6,450	86,660	1,253	21
18,491	49,329	16,468	11,924	8,488	975	4,889	66,684	1,330	22
18,730	58,059	230,504	89,810	12,952	29,773	^r 14,506	175,892	4,209	23
22,815	68,843	1,112,053	100,693	18,168	3,813	12,517	159,302	3,654	24
42,306	136,591	477,547	207,810	36,290	94,633	^r 63,631	638,793	15,757	25
45,967	160,742	1,711,072	278,124	48,410	9,546	40,089	473,740	14,135	26
7,645	28,011	177,748	84,565	7,840	28,463	32,951	245,728	5,854	27
11,421	43,957	880,995	137,131	13,829	3,440	13,293	147,813	4,475	28
11,184	35,128	73,289	27,086	5,342	10,215	^r 6,122	76,277	2,786	29
11,880	35,961	461,577	51,944	10,995	1,806	5,574	64,326	2,506	30
12,987	41,749	136,065	49,244	6,952	26,953	^r 10,707	135,758	2,142	31
10,731	36,232	203,747	47,394	6,393	1,892	9,159	107,247	2,017	32
7,630	21,975	71,864	36,433	12,178	18,450	^r 10,109	128,750	3,446	33
8,647	32,837	153,893	34,985	11,321	1,777	8,969	112,356	3,761	34
2,860	9,728	18,581	10,482	3,978	10,552	3,742	52,280	1,529	35
3,288	11,755	10,860	6,670	5,872	631	3,094	41,998	1,376	36
5,165	18,282	183,795	56,044	8,222	17,521	8,875	113,021	2,250	37
5,196	16,805	250,120	50,070	12,394	1,119	7,227	92,444	1,920	38
2,751	8,569	27,018	9,573	1,928	4,372	1,700	24,791	689	39
2,069	6,803	70,546	10,343	1,685	287	1,426	20,997	524	40
795	2,759	32,506	11,480	1,184	3,868	1,855	23,320	564	41
704	2,453	32,591	8,547	1,406	258	1,463	18,255	533	42
1,190	5,071	41,647	14,953	2,943	5,639	2,858	37,562	530	43
1,624	5,302	63,972	15,709	3,195	287	2,374	32,487	494	44
69	179	936	317	(S)	213	40	894	35	45
22	98	372	122	81	...	24	585	7	46
37	254	2,295	780	(S)	192	81	1,493	2	47
99	199	3,254	643	86	...	58	1,188	1	48
109	725	14,108	4,668	1,527	1,070	671	7,463	13	49
208	707	17,999	4,375	5,480	115	466	5,271	21	50
214	725	65,285	14,273	521	2,167	1,670	17,498	417	51
470	1,243	61,386	10,331	461	172	1,416	13,661	340	52
29,367	83,185	159,050	61,773	20,448	39,276	25,142	248,764	12,748	53
24,659	67,543	461,609	63,347	20,310	2,952	19,346	185,916	10,661	54
2,252	6,399	3,938	1,060	5,141	1,020	636	7,355	164	55
2,411	5,331	278	212	349	57	341	4,437	83	56
7,124	20,484	11,193	7,331	1,681	3,901	2,701	35,271	1,284	57
5,076	13,433	337,025	20,822	4,189	688	2,031	25,822	1,249	58
146	492	551	248	(S)	357	89	1,529	...	59
135	458	188	249	109	...	89	1,225	...	60
1,945	5,821	12,286	6,012	3,382	4,256	2,679	29,308	1,951	61
1,363	4,895	10,185	3,665	2,691	401	2,082	22,368	1,787	62
1,289	3,478	36,476	15,080	2,370	4,493	4,570	31,930	2,619	63
1,054	3,142	58,586	25,048	2,226	545	3,149	23,759	2,607	64
2,376	7,370	11,382	4,910	1,527	8,813	4,513	44,465	1,701	65
1,663	8,363	3,279	2,108	3,324	430	4,145	39,252	1,350	66
2,782	7,782	19,723	7,829	1,508	4,240	4,849	38,571	1,889	67
2,743	7,337	2,920	967	1,791	315	3,625	27,837	1,633	68
3,112	9,504	41,434	13,346	1,986	7,183	3,306	34,855	1,476	69
2,700	7,223	36,026	8,106	2,296	287	2,690	26,836	858	70
8,341	21,855	22,067	5,957	(S)	5,013	1,799	25,480	1,664	71
7,514	17,161	13,122	2,170	3,135	229	1,194	14,380	1,094	72

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Fuels and Electric Energy Used in the Manufacturing

	Division and State	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
1	East South Central.....1958..	441,933	166,659	5,017	32,699	1,735	37,672
2	.....1954..	363,347	159,094	5,075	28,320	4,065	60,643
3	Kentucky.....1958..	125,382	31,231	1,160	6,154	222	6,967
4	.....1954..	108,597	24,873	1,650	7,254	514	6,642
5	Tennessee.....1958..	165,422	46,084	2,606	17,891	(S)	(S)
6	.....1954..	117,449	38,926	2,453	14,633	127	3,772
7	Alabama.....1958..	123,669	74,035	1,245	8,557	1,462	29,156
8	.....1954..	119,191	85,605	946	6,169	3,424	50,212
9	Mississippi.....1958..	27,460	15,309	6	97	(S)	(S)
10	.....1954..	18,110	9,690	26	264	(7)	17
11	West South Central.....1958..	397,411	272,051	847	8,093	182	3,624
12	.....1954..	273,904	180,493	583	5,289	465	8,795
13	Arkansas.....1958..	36,572	20,670	17	123	1	21
14	.....1954..	25,430	13,064	19	142	2	63
15	Louisiana.....1958..	93,450	68,155	3	38	12	268
16	.....1954..	61,567	42,780	5	55	3	109
17	Oklahoma.....1958..	26,525	15,297	147	1,057	7	184
18	.....1954..	29,261	18,951	149	1,061	28	384
19	Texas.....1958..	240,864	167,929	680	6,875	162	3,151
20	.....1954..	157,646	105,698	410	4,031	432	8,239
21	Mountain.....1958..	107,895	63,720	1,210	9,343	167	3,950
22	.....1954..	123,946	91,608	1,281	9,353	1,828	38,074
23	Montana.....1958..	17,477	9,180	125	841	53	1,115
24	.....1954..	11,957	6,640	141	960	56	1,774
25	Idaho.....1958..	20,629	10,711	155	1,652	35	792
26	.....1954..	14,468	7,740	282	2,636	36	748
27	Wyoming.....1958..	4,589	3,435	67	363	(7)	(S)
28	.....1954..	2,959	1,964	71	401	(7)	(S)
29	Colorado.....1958..	23,719	14,960	396	2,352	37	986
30	.....1954..	36,227	29,229	364	2,230	679	12,495
31	New Mexico.....1958..	4,161	2,339	(S)	(S)	(S)	(S)
32	.....1954..	3,055	1,538	(7)	7	...	10
33	Arizona.....1958..	14,198	7,945	(S)	(S)	(S)	(S)
34	.....1954..	9,547	5,315	(7)	30	...	...
35	Utah.....1958..	17,028	11,297	320	2,415	34	792
36	.....1954..	39,365	35,541	294	1,835	1,041	22,703
37	Nevada.....1958..	6,094	3,853	147	1,546	(S)	(S)
38	.....1954..	6,388	3,641	129	1,254	16	340
39	Pacific.....1958..	411,146	209,021	229	2,371	99	3,421
40	.....1954..	333,378	192,537	1,236	10,807	1,464	19,228
41	Washington.....1958..	81,017	40,204	133	1,292	10	278
42	.....1954..	72,449	36,162	988	8,645	17	508
43	Oregon.....1958..	48,879	27,439	67	665	16	434
44	.....1954..	38,085	21,549	146	1,715	6	309
45	California.....1958..	281,250	141,378	29	414	73	2,709
46	.....1954..	222,844	134,826	102	447	1,441	18,411

Note: Detailed figures may not add to totals because of independent rounding.

S Withheld because the figure did not meet publication standards either on the basis that it would disclose the operations of individual companies or represents incomplete reporting.

¹Includes distillate and residual oil.

²Includes natural, manufactured and mixed gas.

³The principal fuels included in this column are gasoline, liquefied petroleum gas, and wood.

⁴In addition, 36,221 thousand tons were consumed by establishments manufacturing and consuming coke at the same location (e.g., combined coke oven, blast furnace, steel mill activity); see text for further explanation. The 1958 geographic distribution (quantity, 1,000 tons) is as follows: New England 225; Middle Atlantic 10,691; Pennsylvania 8,720; Other States 1,971; East North Central 15,316; Ohio 4,829; Indiana 6,381; Illinois 1,765; Michigan 1,838; South 7,254; West 2,725; California 807.

FUELS AND ELECTRIC ENERGY CONSUMED

6-29

Industries, by Divisions and States: 1958 and 1954--Continued

Purchased fuels--Continued						Electric energy			
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)	
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)		
2,591	10,824	199,342	60,420	5,387	19,657	56,816	275,274	4,381	1
2,737	9,270	249,844	50,695	8,044	2,122	37,339	204,253	3,610	2
515	1,908	27,147	9,563	865	5,774	21,042	94,151	121	3
514	1,879	24,750	7,040	1,427	631	15,812	83,724	36	4
632	2,824	43,832	15,075	(S)	6,051	27,335	119,338	2,490	5
455	1,882	67,456	16,310	1,641	688	15,981	78,523	2,285	6
1,369	5,702	87,859	24,883	1,033	4,704	7,329	49,634	1,233	7
1,660	5,045	112,337	19,806	3,685	688	4,783	33,586	757	8
75	390	40,504	10,899	(S)	3,128	1,110	12,151	537	9
108	464	45,301	7,539	1,291	115	763	8,420	532	10
1,087	4,555	1,372,867	232,297	8,924	14,558	16,022	125,360	18,255	11
1,278	3,780	1,266,186	152,467	8,586	1,576	13,371	93,411	17,987	12
204	1,012	80,832	16,816	424	2,274	2,711	15,902	1,309	13
302	765	81,139	11,034	917	143	2,556	12,366	1,259	14
91	556	349,693	61,121	2,844	3,328	3,274	25,295	5,875	15
166	678	316,527	39,012	2,582	344	1,901	18,787	5,796	16
27	122	68,367	11,781	833	1,320	1,266	11,228	153	17
76	166	117,603	16,383	785	172	1,232	10,310	199	18
765	2,865	873,975	142,579	4,823	7,636	8,771	72,935	10,918	19
734	2,171	750,917	86,038	4,302	917	7,682	51,948	10,733	20
2,386	7,365	87,289	33,232	4,882	4,948	6,819	44,175	1,104	21
3,192	13,653	236,473	24,064	5,689	775	5,153	32,338	992	22
156	675	10,653	4,776	1,081	692	2,293	8,297	32	23
126	529	14,682	2,761	559	57	1,274	5,297	133	24
168	685	5,705	5,157	1,136	1,289	1,814	9,918	153	25
734	2,946	(S)	(S)	1,327	26	1,315	6,728	93	26
11	85	6,628	2,775	(S)	172	129	1,154	30	27
325	484	7,548	939	107	29	167	995	19	28
806	1,671	29,290	8,345	502	1,104	714	8,759	318	29
581	5,588	95,129	7,811	904	261	755	6,998	309	30
19	183	4,708	1,147	(S)	469	132	1,822	3	31
20	92	5,820	1,164	236	29	114	1,517	3	32
47	254	16,245	6,100	864	527	536	6,253	96	33
58	195	19,546	4,143	832	115	396	4,232	103	34
1,024	3,053	11,322	3,831	602	604	613	5,731	449	35
930	2,286	92,848	6,940	1,548	229	536	3,824	304	36
155	759	2,738	1,101	(S)	91	588	2,241	23	37
418	1,535	900	306	179	29	596	2,747	28	38
10,190	33,974	297,666	110,874	17,446	40,935	30,290	202,125	2,144	39
18,698	45,676	296,986	72,319	42,558	1,949	23,809	140,841	2,119	40
3,310	10,431	41,966	17,343	5,927	4,933	12,734	40,813	864	41
7,925	19,066	621	535	6,978	430	12,323	36,287	874	42
1,923	7,766	14,852	6,272	3,817	8,485	4,358	21,440	429	43
3,191	8,926	21,172	1,505	8,865	229	3,486	16,536	450	44
4,957	15,777	240,848	87,259	7,702	27,517	13,198	139,872	851	45
7,582	17,684	275,193	70,279	26,715	1,290	8,000	88,018	795	46

¹In addition, 66,103 thousand barrels were consumed in 1958 by petroleum establishments producing fuel oil; the comparable 1954 figure is 60,103 thousand barrels. The 1958 geographic distribution of fuel oil (quantity, 1,000 barrels) is as follows: Northeast 16,512, New Jersey 8,554, Pennsylvania 6,598, Other States 1,360; East North Central 16,100, Ohio 2,394, Indiana 5,595, Illinois 5,141, Other States 2,972; West North Central 2,695, Kansas 1,201, Other States 1,494; South 1,803, Kentucky 233, Oklahoma 340, Texas 640, Other States 590; West 11,578, Montana 745, Wyoming 1,207, Colorado 519, California 7,938, Other States 1,169. In addition, 17,415 thousand barrels of acid, sludge, etc., consumed are distributed as follows: East North Central, 3,629 thousand barrels; South 7,851 thousand barrels; and West, 1,163 thousand barrels.

²In addition, 5,510,517 million cubic feet were consumed by establishments producing still blast and coke oven gases; the comparable 1954 figure is 3,062,075 million cubic feet. The 1958 geographic distribution (quantity, million cubic feet) is as follows: Northeast 1,703,204, New York 284,221, Pennsylvania 1,365,317; North Central 2,039,744, Ohio 743,953, Indiana 639,696, Illinois 349,751, Michigan 215,232; South 1,281,453; West 486,116, Montana 4,226, Idaho 8,033, California 116,097.

³Less than 500 tons.

⁴Less than 500 thousand cubic feet.

⁵Less than \$5,000.

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Fuels and Electric Energy Purchased, for

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
	United States, total.....	5,061,930	2,834,065	81,716	637,614	*13,585	271,007
	NEW ENGLAND						
	Maine.....	37,336	26,376	751	9,888	1	22
20	Food and kindred products.....	2,957	1,780	7	124	...	...
22	Textile mill products.....	3,197	1,696	21	307	...	...
24	Lumber and wood products.....	2,048	1,304	...	...	...	...
26	Paper and allied products.....	21,908	17,166	717	9,340	...	...
	New Hampshire.....	22,205	13,191	345	4,344	1	35
22	Textile mill products.....	3,958	2,143	(S)	(S)	...	...
26	Paper and allied products.....	10,146	7,467	312	3,870	...	...
	Vermont.....	8,175	4,238	94	1,344	(S)	(S)
26	Paper and allied products.....	1,847	1,097	75	987	...	...
	Massachusetts.....	137,976	68,810	793	9,344	28	989
20	Food and kindred products.....	12,352	6,927	26	351	...	...
22	Textile mill products.....	16,130	8,026	97	1,245	...	...
23	Apparel and related products.....	1,147	606	...	...	...	...
24	Lumber and wood products.....	2,100	493	(S)	(S)	...	...
25	Furniture and fixtures.....	1,313	570	24	251	...	...
26	Paper and allied products.....	18,274	10,517	240	2,809	...	...
28	Chemicals and allied products.....	8,701	5,240	103	1,176	...	...
29	Petroleum and coal products.....	2,322	774	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	9,878	3,586	59	716	...	...
31	Leather and leather products.....	5,216	2,241	8	114	...	...
32	Stone, clay and glass products.....	4,691	3,239	72	914	...	...
34	Fabricated metal products.....	7,324	3,362	4	58	(S)	(S)
35	Machinery, except electrical.....	10,614	5,513	(S)	(S)	...	...
	Rhode Island.....	24,259	12,144	54	513	(S)	(S)
20	Food and kindred products.....	1,563	949	1	15	...	...
22	Textile mill products.....	8,340	4,751	35	407	...	...
33	Primary metal industries.....	3,476	1,697	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	1,101	442	...	...	...	...
39	Miscellaneous manufactures.....	1,674	591	...	...	...	...
	Connecticut.....	80,949	40,154	383	4,574	12	390
20	Food and kindred products.....	3,042	1,551	(S)	(S)	...	...
22	Textile mill products.....	4,769	3,170	10	144	...	...
23	Apparel and related products.....	1,213	654	...	...	...	...
26	Paper and allied products.....	5,122	3,346	96	1,138	...	...
28	Chemicals and allied products.....	5,161	2,946	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	4,515	1,870	(S)	(S)	...	...
32	Stone, clay and glass products.....	2,557	1,665	(S)	(S)	...	...
33	Primary metal industries.....	14,817	8,348	175	1,996	(S)	(S)
34	Fabricated metal products.....	8,325	4,047	29	449	(S)	(S)
35	Machinery, except electrical.....	9,153	3,690	(S)	(S)	...	...
36	Electrical machinery.....	3,911	1,545	...	...	...	...
37	Transportation equipment.....	9,174	2,969	(S)	(S)	...	...
	MIDDLE ATLANTIC						
	New York.....	363,666	191,852	5,709	58,031	1,095	19,134
20	Food and kindred products.....	44,255	25,888	568	6,331	...	...
22	Textile mill products.....	11,190	5,914	150	1,368	...	...
23	Apparel and related products.....	18,303	4,120	...	...	...	...
26	Paper and allied products.....	29,448	18,186	1,315	13,316	...	...
27	Printing and publishing.....	12,865	3,080	...	...	...	...
28	Chemicals and allied products.....	39,697	23,230	1,419	13,617	...	...
29	Petroleum and coal products.....	3,119	1,511	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	6,918	2,828	119	1,223	...	...
31	Leather and leather products.....	4,959	2,400	72	791	...	...
32	Stone, clay and glass products.....	27,423	18,251	765	8,663	(S)	(S)
33	Primary metal industries.....	62,774	39,998	258	2,249	1,071	18,302
34	Fabricated metal products.....	15,285	6,864	38	364	13	408
36	Electrical machinery.....	19,633	7,521	57	587	(S)	(S)
37	Transportation equipment.....	17,715	7,998	220	2,106	...	...
	New Jersey.....	207,520	120,860	2,511	21,653	136	2,795
20	Food and kindred products.....	19,352	11,631	154	1,461	...	...
22	Textile mill products.....	11,236	7,350	87	919	...	...
23	Apparel and related products.....	3,470	1,097	...	...	...	...
26	Paper and allied products.....	17,624	12,188	527	4,101	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-31

States, by Selected Major Industry Groups. 1958

Purchased fuels--Continued						Electric energy				Code
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)		
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
⁵ 166,719	522,704	⁶ 3,112,212	900,901	147,873	353,966	⁷ 251,816	2,227,865	66,457		
4,103	12,461	553	318	806	2,881	1,065	10,960	1,191		
457	1,046	225	117	182	311	62	1,117	...	20	
246	713	...	...	(S)	(S)	117	1,501	59	22
(S)	(S)	(S)	(S)	(S)	776	36	744	2	24	
2,467	7,379	...	...	(S)	(S)	668	4,742	1,102	26
1,041	3,688	348	247	3,448	1,429	635	9,014	168		
454	1,559	(S)	(S)	(S)	230	136	1,815	19	22	
210	861	(S)	(S)	(S)	(S)	219	2,679	144	26	
330	1,085	316	201	(S)	1,392	233	3,937	2		
(S)	(S)	(S)	(S)	...	54	62	750	(S)	26	
9,082	29,483	16,880	6,825	5,442	16,727	4,055	69,166	598		
1,518	3,935	1,318	602	741	1,298	298	5,425	318	20	
953	3,710	1,204	378	799	1,894	479	8,104	52	22	
...	...	...	...	...	606	24	541	...	23
(S)	(S)	...	...	(S)	300	76	1,607	...	24
35	117	(S)	(S)	(S)	131	31	743	7	25	
2,299	7,040	402	170	365	133	498	7,757	236	26	
425	1,360	1,873	859	(S)	(S)	234	3,461	10	28	
116	462	...	...	(S)	130	115	1,548	...	29
370	1,648	1,194	488	150	584	408	6,292	(S)	30	
339	1,051	(S)	(S)	(S)	924	136	2,975	16	31	
431	1,857	691	255	(S)	(S)	78	1,452	(S)	32	
325	1,145	1,455	334	(S)	(S)	211	3,962	43	34	
838	1,889	1,479	505	(S)	2,730	277	5,101	54	35	
2,071	7,103	3,457	1,310	(S)	2,830	669	12,115	74		
210	421	927	269	52	192	30	614	(S)	20	
1,047	2,832	1,057	382	144	956	199	3,589	37	22	
319	941	399	236	(S)	411	103	1,779	(S)	33	
(S)	(S)	(S)	(S)	(S)	420	31	659	(S)	35	
...	...	...	...	...	591	48	1,083	...	39
6,172	17,493	7,724	4,737	1,543	11,417	2,533	40,795	370		
412	1,024	123	75	(S)	216	77	1,491	(S)	20	
661	1,909	219	123	554	440	94	1,599	47	22	
...	...	...	...	...	654	25	559	2	23
981	2,043	(S)	(S)	(S)	(S)	113	1,776	70	26	
849	2,174	(S)	(S)	(S)	149	159	2,215	82	28	
529	1,522	(S)	(S)	(S)	57	165	2,645	11	30	
263	954	803	245	(S)	409	51	892	...	32	
764	2,565	3,818	2,838	(S)	508	427	6,469	107	33	
530	1,426	1,043	483	(S)	1,356	248	4,278	38	34	
82	281	164	69	67	3,264	314	5,463	(S)	35	
84	286	62	66	51	1,142	128	2,366	(S)	36	
621	2,091	998	492	(S)	158	475	6,205	(S)	37	
12,976	44,830	49,451	22,642	11,512	35,703	14,074	171,814	1,874		
3,184	9,837	13,891	4,906	2,318	2,496	1,215	18,367	100	20	
548	1,780	1,266	687	545	1,534	305	5,276	24	22	
...	...	...	...	...	4,120	603	14,183	(S)	23
988	3,901	527	354	352	263	1,152	11,262	574	26	
...	...	...	...	...	3,080	526	9,785	(S)	27
1,401	4,049	2,826	1,492	1,456	2,616	2,119	16,467	401	28	
192	940	(S)	(S)	(S)	138	170	1,608	(S)	29	
140	760	294	79	206	560	306	4,090	(S)	30	
34	154	(S)	(S)	(S)	1,044	137	2,559	2	31	
986	4,774	6,493	3,582	(S)	558	896	9,172	55	32	
2,839	11,060	12,475	5,980	1,400	1,007	2,684	22,776	253	33	
532	1,669	1,729	1,241	265	2,917	516	8,421	(S)	34	
333	1,145	2,111	1,210	(S)	3,653	1,021	12,112	(S)	36	
1,303	3,188	2,344	1,407	1,046	251	856	9,717	10	37	
19,122	53,726	25,423	12,361	10,039	20,286	6,450	86,660	1,253		
2,730	6,788	3,537	1,384	743	1,255	530	7,721	37	20	
1,846	3,663	799	453	803	1,512	326	3,886	77	22	
...	...	...	...	...	1,097	109	2,373	...	23
2,336	6,751	2,159	716	224	396	442	5,436	284	26	

MANUFACTURES—SUMMARY STATISTICS

Table 5.—Fuels and Electric Energy Purchased, for States,

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
MIDDLE ATLANTIC--Continued							
New Jersey--Continued							
27	Printing and publishing.....	3,014	1,051	...	...	...	...
28	Chemicals and allied products.....	47,873	31,437	1,065	8,202	...	...
29	Petroleum and coal products.....	5,143	1,277	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	6,848	3,016	113	1,211	...	...
32	Stone, clay and glass products.....	20,511	14,537	131	1,289	(S)	(S)
33	Primary metal industries.....	22,831	14,815	135	1,362	104	2,171
34	Fabricated metal products.....	11,019	5,338	21	203	(S)	(S)
35	Machinery, except electrical.....	8,193	3,655	(S)	(S)	(S)	(S)
36	Electrical machinery.....	12,122	5,138	(S)	(S)	...	...
37	Transportation equipment.....	7,892	3,461	(S)	(S)	...	...
	Pennsylvania.....	516,866	340,974	11,063	75,446	4,595	74,934
20	Food and kindred products.....	29,909	17,734	625	4,705	...	...
22	Textile mill products.....	13,689	6,846	178	1,693	...	...
23	Apparel and related products.....	5,662	2,135	...	...	...	...
24	Lumber and wood products.....	2,717	1,841	(S)	(S)	...	...
25	Furniture and fixtures.....	3,681	1,653	50	459	...	...
26	Paper and allied products.....	24,423	15,418	1,183	8,817	...	...
27	Printing and publishing.....	6,233	2,277	...	...	...	...
28	Chemicals and allied products.....	25,956	16,322	1,212	8,155	...	...
29	Petroleum and coal products.....	19,124	10,937	386	2,107	...	...
30	Rubber and plastics products, nec.....	6,493	2,420	129	1,060	...	...
31	Leather and leather products.....	2,533	1,441	(S)	(S)	...	...
32	Stone, clay and glass products.....	59,911	42,423	3,323	19,963	(S)	(S)
33	Primary metal industries.....	239,382	184,114	3,241	22,363	4,582	74,127
34	Fabricated metal products.....	23,978	11,683	170	1,406	20	593
35	Machinery, except electrical.....	19,201	9,430	71	576	(S)	(S)
36	Electrical machinery.....	14,558	5,408	92	800	(S)	(S)
37	Transportation equipment.....	10,738	5,116	238	1,904	(S)	(S)
EAST NORTH CENTRAL							
	Ohio.....	517,042	271,314	10,577	77,437	2,616	44,998
20	Food and kindred products.....	24,827	13,219	823	5,511	(S)	(S)
22	Textile mill products.....	2,011	914	39	347	...	...
25	Furniture and fixtures.....	2,578	1,138	14	154	...	...
26	Paper and allied products.....	17,143	11,690	1,353	9,942	...	...
28	Chemicals and allied products.....	104,758	22,547	1,845	12,001	...	...
29	Petroleum and coal products.....	8,804	4,024	52	396	...	...
30	Rubber and plastics products, nec.....	19,751	9,532	1,386	7,410	...	...
32	Stone, clay and glass products.....	54,148	41,527	1,061	16,281	(S)	(S)
33	Primary metal industries.....	170,541	121,099	2,763	15,872	2,561	44,344
34	Fabricated metal products.....	24,373	10,737	257	1,829	(S)	(S)
35	Machinery, except electrical.....	23,849	10,587	130	1,058	3	85
36	Electrical machinery.....	19,510	8,162	205	1,551	...	...
37	Transportation equipment.....	31,436	10,621	610	4,748	(S)	(S)
	Indiana.....	188,565	112,288	4,320	29,805	183	4,712
20	Food and kindred products.....	16,120	9,712	531	3,713	...	...
24	Lumber and wood products.....	2,769	2,027	(S)	(S)	...	...
25	Furniture and fixtures.....	2,353	933	53	499	...	...
26	Paper and allied products.....	4,611	2,743	485	1,985	...	...
28	Chemicals and allied products.....	10,720	7,111	559	3,485	...	...
29	Petroleum and coal products.....	2,716	1,249	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	4,551	1,804	164	1,112	...	...
32	Stone, clay and glass products.....	23,268	16,853	856	6,406	(S)	(S)
33	Primary metal industries.....	70,818	48,072	789	6,313	141	3,605
34	Fabricated metal products.....	8,103	3,639	70	512	(S)	(S)
35	Machinery, except electrical.....	8,082	3,486	73	548	2	62
36	Electrical machinery.....	11,194	3,854	134	867	...	...
37	Transportation equipment.....	18,641	8,765	495	3,630	(S)	(S)
	Illinois.....	359,718	223,960	7,022	45,802	1,912	53,260
20	Food and kindred products.....	48,060	28,299	1,967	12,545	...	...
25	Furniture and fixtures.....	3,400	1,406	39	282	...	...
26	Paper and allied products.....	10,424	6,158	495	3,164	...	...
27	Printing and publishing.....	9,482	3,349	...	...	...	...
28	Chemicals and allied products.....	26,108	16,607	1,091	6,568	...	...
29	Petroleum and coal products.....	13,321	7,635	521	2,758	...	...
30	Rubber and plastics products, nec.....	5,694	1,977	46	297	...	...
32	Stone, clay and glass products.....	26,840	20,486	1,051	7,218	(S)	(S)
33	Primary metal industries.....	120,187	94,096	630	4,695	1,864	51,557
34	Fabricated metal products.....	26,039	12,764	193	1,489	16	529
35	Machinery, except electrical.....	28,899	13,780	542	3,485	26	881
36	Electrical machinery.....	16,582	6,937	161	1,188	(S)	(S)
37	Transportation equipment.....	10,422	3,987	215	1,456	(S)	(S)

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-33

by Selected Major Industry Groups. 1958--Continued

Purchased fuels--Continued						Electric energy				Code
Fuel oil ¹		Gas ³		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)		
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
...	...	...	...	...	1,051	104	1,963	...	27
5,157	14,875	1,513	870	4,927	2,563	1,314	16,436	(S)	28	
365	1,051	(S)	(S)	(S)	(S)	409	3,866	194	29	
321	1,116	(S)	(S)	(S)	459	254	3,832	1	30	
1,501	4,536	9,385	4,562	(S)	2,359	470	5,974	(S)	32	
2,661	8,161	3,492	1,950	459	712	631	8,016	(S)	33	
521	1,860	2,380	1,121	(S)	1,708	379	5,681	(S)	34	
233	746	258	162	(S)	2,245	261	4,538	(S)	35	
411	1,026	751	375	(S)	2,275	532	6,984	(S)	36	
751	2,170	642	411	(S)	137	365	4,431	(S)	37	
18,730	58,059	230,504	89,810	12,952	29,773	r14,506	175,892	4,209		
2,392	5,154	8,116	3,803	867	3,205	777	12,175	118	20	
818	2,391	256	136	704	1,922	455	6,843	14	22	
...	...	...	...	...	2,135	165	3,527	(7)	23
15	90	(S)	(S)	(S)	1,600	41	876	3	24	
26	171	454	260	77	686	111	2,028	(S)	25	
2,411	5,380	1,062	555	258	408	692	9,005	621	26	
...	...	...	...	...	2,277	259	3,956	(S)	27
1,313	4,081	6,104	2,631	271	1,184	909	9,634	342	28	
234	991	20,980	7,561	193	85	877	8,187	(S)	29	
338	1,101	(S)	(S)	(S)	(S)	333	4,073	(S)	30	
59	179	(S)	(S)	(S)	350	53	1,092	(S)	31	
1,084	3,383	33,518	15,746	(S)	2,379	1,573	17,488	309	32	
7,810	27,710	146,063	51,790	7,740	384	r5,212	55,268	2,390	33	
610	2,337	6,603	3,499	680	3,168	896	12,295	3	34	
745	1,989	1,910	1,066	(S)	5,367	664	9,771	7	35	
258	884	1,481	849	(S)	2,573	746	9,150	(S)	36	
413	1,606	1,775	989	(S)	160	415	5,622	(S)	37	
7,645	28,011	177,748	84,565	7,840	28,463	32,951	245,728	5,854		
372	1,352	7,839	4,061	(S)	1,649	762	11,608	40	20	
(S)	(S)	191	120	(S)	337	89	1,097	(S)	22	
(S)	(S)	515	103	(S)	845	87	1,440	(S)	25	
345	693	1,430	779	117	159	458	5,453	701	26	
158	656	16,073	6,735	1,065	2,090	18,437	82,211	1,608	28	
61	281	6,444	3,246	(S)	(S)	570	4,780	...	29	
106	424	1,790	1,154	289	255	930	10,219	(S)	30	
137	687	41,306	19,544	(S)	3,926	1,043	12,621	314	32	
5,654	20,515	83,578	37,622	2,063	683	5,644	49,442	2,644	33	
303	1,000	7,121	4,627	(S)	2,749	898	13,636	3	34	
189	997	2,117	1,278	324	6,845	856	13,262	75	35	
24	107	3,404	1,890	832	3,782	913	11,348	2	36	
256	1,062	5,862	3,360	1,074	(S)	1,812	20,815	(S)	37	
11,184	35,128	73,289	27,086	5,342	10,215	r6,122	76,277	2,786		
612	1,809	5,536	1,900	497	1,793	439	6,408	123	20	
(S)	(S)	(S)	(S)	1,142	789	42	742	(S)	24	
31	141	275	124	(S)	(S)	78	1,420	2	25	
55	220	1,141	474	(S)	(S)	127	1,868	120	26	
371	1,143	6,467	1,934	372	177	344	3,609	(S)	28	
49	232	(S)	(S)	(S)	85	154	1,467	(S)	29	
68	273	691	344	(S)	(S)	237	2,747	...	30	
345	1,424	21,350	7,062	(S)	918	555	6,415	(S)	32	
8,619	26,220	30,244	11,133	701	100	r1,950	22,746	1,557	33	
401	837	1,729	951	(S)	1,244	274	4,464	(S)	34	
154	597	771	480	317	1,482	308	4,596	(S)	35	
183	589	957	666	51	1,681	683	7,340	(S)	36	
292	1,240	3,667	1,790	1,580	(S)	779	9,876	(S)	37	
12,987	41,749	136,065	49,244	6,952	26,953	r10,707	135,758	2,142		
1,683	4,118	21,110	5,783	1,626	4,227	1,483	19,761	405	20	
(S)	(S)	160	139	(S)	(S)	109	1,994	(7)	25	
(S)	(S)	3,182	1,137	(S)	(S)	307	4,266	210	26	
...	...	...	...	...	3,349	388	6,133	(7)	27
805	2,454	14,889	5,302	743	1,540	849	9,501	234	28	
270	892	11,066	3,640	(S)	(S)	627	5,686	266	29	
323	992	948	435	164	89	267	3,717	(7)	30	
914	4,075	19,408	7,807	(S)	669	536	6,354	258	32	
5,268	19,086	51,223	17,669	600	489	r2,518	26,091	(S)	33	
1,393	3,636	4,859	2,869	528	3,713	895	13,275	28	34	
432	1,354	4,028	2,022	1,328	4,710	1,062	15,119	(S)	35	
442	1,528	1,745	957	(S)	2,888	669	9,645	(S)	36	
483	1,163	1,833	929	(S)	(S)	553	6,435	...	37	

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Fuels and Electric Energy Purchased, for States,

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
	EAST NORTH CENTRAL--Continued						
	Michigan.....	298,764	170,014	8,535	71,868	351	9,110
20	Food and kindred products.....	18,431	11,109	355	3,503	(S)	(S)
25	Furniture and fixtures.....	2,819	1,354	19	213	...	...
26	Paper and allied products.....	20,996	15,826	2,099	14,403	...	...
28	Chemicals and allied products.....	40,069	29,560	2,204	20,141	...	...
29	Petroleum and coal products.....	5,477	3,264	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	4,765	2,371	178	1,695	...	...
32	Stone, clay and glass products.....	17,256	13,155	1,065	8,680	(S)	(S)
33	Primary metal industries.....	63,553	38,754	664	6,254	277	6,700
34	Fabricated metal products.....	17,434	7,723	97	1,037	(S)	(S)
35	Machinery, except electrical.....	20,586	8,084	98	880	(S)	(S)
36	Electrical machinery.....	4,753	2,189	41	395	...	...
37	Transportation equipment.....	72,019	32,056	1,672	14,223	(S)	(S)
	Wisconsin.....	127,079	74,799	3,675	37,044	91	3,015
20	Food and kindred products.....	27,259	18,139	912	9,378	(S)	(S)
22	Textile mill products.....	1,026	541	17	175	...	...
25	Furniture and fixtures.....	1,231	652	17	182	...	...
26	Paper and allied products.....	32,243	20,864	1,781	17,978	...	...
28	Chemicals and allied products.....	2,617	1,756	90	911	...	...
30	Rubber and plastics products, nec.....	2,321	822	62	569	...	...
32	Stone, clay and glass products.....	4,694	3,380	166	1,460	(S)	(S)
33	Primary metal industries.....	12,847	7,693	114	1,274	52	1,731
34	Fabricated metal products.....	7,149	3,664	63	713	(S)	(S)
35	Machinery, except electrical.....	14,047	7,394	174	2,239	17	566
36	Electrical machinery.....	5,637	2,174	11	355	...	...
37	Transportation equipment.....	6,223	3,310	126	1,133	(S)	(S)
	WEST NORTH CENTRAL						
	Minnesota.....	60,664	35,873	1,008	10,883	19	548
20	Food and kindred products.....	22,761	14,065	349	3,053	(S)	(S)
22	Textile mill products.....	381	215	(S)	(S)	...	...
24	Lumber and wood products.....	1,455	983	(S)	(S)	...	...
26	Paper and allied products.....	9,984	7,328	488	5,873	...	...
27	Printing and publishing.....	1,399	375	...	...	...	...
28	Chemicals and allied products.....	3,225	2,152	(S)	(S)	...	...
29	Petroleum and coal products.....	1,078	325	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	437	134	(S)	(S)	...	...
32	Stone, clay and glass products.....	4,396	2,515	84	854	(S)	(S)
33	Primary metal industries.....	3,671	2,802	(S)	(S)	8	273
34	Fabricated metal products.....	2,307	1,021	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	4,492	1,885	7	86	...	...
36	Electrical machinery.....	1,226	465	(S)	(S)	...	...
37	Transportation equipment.....	1,006	576	(S)	(S)	...	...
38	Instruments and related products.....	855	244	...	...	...	...
	Iowa.....	52,401	29,081	1,281	8,500	44	1,290
20	Food and kindred products.....	19,253	11,197	583	3,834	(S)	(S)
27	Printing and publishing.....	868	261	...	...	...	...
32	Stone, clay and glass products.....	9,603	6,921	316	2,091	(S)	(S)
33	Primary metal industries.....	4,886	2,272	(S)	(S)	14	286
34	Fabricated metal products.....	1,535	596	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	5,684	3,626	146	903	29	962
	Missouri.....	77,044	39,482	1,574	9,303	59	1,573
20	Food and kindred products.....	14,576	7,525	354	2,029	...	...
23	Apparel and related products.....	1,272	456	...	...	...	...
24	Lumber and wood products.....	1,173	704	(S)	(S)	...	...
26	Paper and allied products.....	1,889	751	(S)	(S)	...	...
27	Printing and publishing.....	2,080	531	...	...	...	...
28	Chemicals and allied products.....	8,336	5,402	492	2,740	...	...
29	Petroleum and coal products.....	792	550	...	...	...	...
32	Stone, clay and glass products.....	16,034	11,243	633	3,908	(S)	(S)
33	Primary metal industries.....	9,811	4,416	(S)	(S)	55	1,451
34	Fabricated metal products.....	3,938	1,685	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	2,805	966	(S)	(S)	(S)	(S)
36	Electrical machinery.....	2,513	826	(S)	(S)	...	...
37	Transportation equipment.....	7,003	2,698	(S)	(S)	(S)	(S)
	North Dakota.....	1,954	1,060	44	279	(S)	(S)
20	Food and kindred products.....	1,241	631	42	248	...	...
34	Fabricated metal products.....	55	30	(S)	(S)	(S)	(S)
	South Dakota.....	2,979	1,486	20	193	(S)	(S)
20	Food and kindred products.....	2,134	1,204	19	186	(S)	(S)
27	Printing and publishing.....	110	27	...	...	...	...
32	Stone, clay and glass products.....	393	108	(S)	(S)	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-35

by Selected Major Industry Groups. 1958--Continued

Purchased fuels--Continued						Electric energy				Code
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)		
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
7,630	21,975	71,864	36,433	12,178	18,450	r10,109	128,750	3,446		
1,051	2,785	6,569	3,002	(S)	945	449	7,322	64	20	
60	112	216	141	(S)	(S)	77	1,465	(S)	25	
142	748	420	248	(S)	(S)	397	5,170	848	26	
424	1,417	10,311	3,687	1,699	2,616	1,129	10,509	1,689	28	
936	2,845	(S)	(S)	(S)	170	183	2,213	...	29	
55	300	(S)	(S)	(S)	103	167	2,394	(S)	30	
(S)	(S)	3,007	1,551	(S)	964	305	4,101	331	32	
1,927	6,869	31,218	17,422	1,366	143	r2,148	24,799	(S)	33	
495	2,007	3,054	1,973	(S)	2,384	598	9,711	13	34	
244	909	1,661	953	(S)	5,057	798	12,502	5	35	
25	113	810	497	(S)	1,050	164	2,564	(S)	36	
1,172	2,522	11,714	6,408	6,424	(S)	3,314	39,983	(S)	37	
2,860	9,728	18,581	10,482	3,978	10,552	3,742	52,280	1,529		
1,285	3,454	4,345	2,331	(S)	1,904	523	9,120	138	20	
23	103	91	104	30	129	29	485	(S)	22	
(S)	(S)	(S)	(S)	(S)	448	31	579	4	25	
238	876	1,575	864	936	210	1,092	11,379	1,144	26	
45	183	363	178	(S)	(S)	59	861	16	28	
64	115	126	81	16	41	111	1,499	(S)	30	
214	710	511	258	(S)	713	94	1,314	(S)	32	
299	1,273	5,448	3,091	122	202	376	5,154	(S)	33	
210	841	2,176	1,166	(S)	591	218	3,485	(S)	34	
241	1,073	1,722	1,261	374	1,881	433	6,653	100	35	
86	339	658	387	223	870	239	3,463	27	36	
109	477	906	528	(S)	150	222	2,913	6	37	
2,751	8,569	27,018	9,573	1,928	4,372	1,700	24,791	689		
1,662	3,666	14,491	4,976	(S)	1,538	565	8,696	114	20	
(S)	(S)	(S)	(S)	...	52	9	166	7	22	
7	91	(S)	(S)	259	544	24	472	1	24	
74	214	3,875	1,216	(S)	(S)	239	2,656	473	26	
...	...	...	...	...	375	52	1,024	1	27
41	305	2,982	979	(S)	300	74	1,073	...	28	
46	169	(S)	(S)	(S)	36	74	753	9	29	
(S)	(S)	123	69	(S)	35	17	303	...	30	
102	1,505	1,740	605	(S)	(S)	143	1,881	...	32	
433	1,566	455	232	(S)	52	55	869	63	33	
99	216	631	288	95	397	73	1,286	...	34	
66	157	769	389	205	1,048	179	2,607	...	35	
25	109	411	221	(S)	55	45	761	...	36	
138	378	504	143	(S)	45	43	430	17	37	
...	...	(S)	(S)	...	(S)	44	611	...	38	
795	2,759	32,506	11,480	1,184	3,868	1,855	23,320	564		
405	1,107	10,950	4,103	(S)	...	555	8,056	196	20	
...	...	...	...	...	261	38	607	...	27
62	282	14,342	4,203	(S)	252	213	2,682	116	32	
78	276	2,137	1,093	(S)	27	278	2,614	67	33	
36	161	431	188	(S)	199	49	939	(?)	34	
51	334	2,422	1,013	113	301	124	2,058	(S)	35	
1,190	5,071	41,647	14,953	2,943	5,639	2,858	37,562	530		
224	597	8,181	2,830	1,298	771	517	7,051	178	20	
...	...	...	...	...	456	41	816	...	23
324	344	(S)	(S)	76	241	22	469	...	24	
39	167	1,087	391	(S)	118	84	1,138	7	26	
...	...	...	...	...	531	89	1,549	...	27
145	500	4,904	1,722	224	216	248	2,934	190	28	
38	130	(S)	(S)	(S)	104	14	242	110	29	
108	413	17,733	6,186	(S)	519	441	4,791	42	32	
322	1,213	2,502	1,048	(S)	579	472	5,395	...	33	
117	607	1,392	627	77	321	148	2,253	...	34	
39	207	598	295	(S)	407	112	1,839	1	35	
(S)	(S)	515	227	(S)	451	110	1,687	...	36	
119	675	2,565	952	761	(S)	372	4,305	...	37	
69	179	936	317	(S)	213	40	894	35		
37	85	534	160	35	103	28	610	(S)	20	
(S)	(S)	...	...	(S)	(S)	1	25	...	34
37	254	2,295	780	(S)	192	81	1,493	2		
32	185	2,161	692	(S)	101	55	930	(S)	20	
...	...	...	...	...	27	3	83	...	27
(S)	(S)	(S)	(S)	(S)	8	12	285	...	32	

MANUFACTURES—SUMMARY STATISTICS

Table 5.—Fuels and Electric Energy Purchased, for States.

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
	WEST NORTH CENTRAL--Continued						
	Nebraska.....	16,470	9,007	134	800	9	217
20	Food and kindred products.....	8,788	4,801	(S)	(S)	(S)	(S)
28	Chemicals and allied products.....	1,874	1,061	...	...	...	...
32	Stone, clay and glass products.....	2,357	1,658	(S)	(S)	...	...
34	Fabricated metal products.....	539	223	...	...	(S)	(S)
35	Machinery, except electrical.....	452	203	...	...	(S)	(S)
	Kansas.....	36,245	18,747	158	878	5	183
20	Food and kindred products.....	6,662	2,603	(S)	(S)	...	...
26	Paper and allied products.....	535	272	...	...	...	...
27	Printing and publishing.....	456	136	...	...	...	...
28	Chemicals and allied products.....	6,975	4,800	(S)	(S)	...	...
29	Petroleum and coal products.....	7,141	4,220	...	...	...	...
32	Stone, clay and glass products.....	6,336	4,479	(S)	(S)	...	...
34	Fabricated metal products.....	871	270	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	1,156	401	...	...	(S)	(S)
36	Electrical machinery.....	435	114	...	...	...	...
37	Transportation equipment.....	3,603	718	...	...	...	...
	SOUTH ATLANTIC						
	Delaware.....	22,213	14,858	119	1,198	(S)	(S)
20	Food and kindred products.....	2,129	1,017	5	74	...	...
23	Apparel and related products.....	314	211	...	...	...	...
28	Chemicals and allied products.....	4,654	3,461	(S)	(S)	...	...
	Maryland.....	79,316	44,045	1,237	10,201	41	447
20	Food and kindred products.....	9,698	5,622	138	1,381	...	...
23	Apparel and related products.....	953	381	...	...	...	...
26	Paper and allied products.....	4,609	2,959	(S)	(S)	...	...
27	Printing and publishing.....	1,038	275	...	...	...	...
28	Chemicals and allied products.....	9,209	5,289	237	1,527	...	...
29	Petroleum and coal products.....	1,553	988	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	2,073	801	(S)	(S)	...	...
32	Stone, clay and glass products.....	9,261	6,225	(S)	(S)	(S)	(S)
33	Primary metal industries.....	25,577	15,227	(S)	(S)	11	336
34	Fabricated metal products.....	3,048	1,319	11	148	(S)	(S)
35	Machinery, except electrical.....	1,534	574	(S)	(S)	...	...
36	Electrical machinery.....	2,005	833	(S)	(S)	...	...
37	Transportation equipment.....	5,368	2,138	(S)	(S)	...	...
	District of Columbia.....	2,857	1,328	(S)	(S)	...	...
20	Food and kindred products.....	1,210	596	(S)	(S)	...	...
27	Printing and publishing.....	901	244	...	...	...	...
32	Stone, clay and glass products.....	442	389	...	...	...	...
	Virginia.....	86,185	56,877	3,984	34,063	145	3,343
20	Food and kindred products.....	6,957	3,495	65	623	...	...
21	Tobacco products.....	2,249	1,111	58	574	...	...
22	Textile mill products.....	7,909	3,318	271	2,374	...	...
24	Lumber and wood products.....	3,508	2,325	23	210	...	...
25	Furniture and fixtures.....	1,514	591	27	271	...	...
26	Paper and allied products.....	12,899	10,689	986	8,536	...	...
28	Chemicals and allied products.....	29,085	22,772	2,102	17,629	...	...
32	Stone, clay and glass products.....	7,406	5,138	353	2,828	...	...
33	Primary metal industries.....	5,264	4,292	(S)	(S)	144	3,328
34	Fabricated metal products.....	1,022	373	(S)	(S)	(S)	(S)
36	Electrical machinery.....	723	154	...	...	...	...
	West Virginia.....	80,504	48,574	4,444	22,710	21	443
20	Food and kindred products.....	1,988	1,159	24	254	...	...
24	Lumber and wood products.....	1,144	813	(S)	(S)	...	...
26	Paper and allied products.....	447	283	(S)	(S)	...	...
27	Printing and publishing.....	275	85	...	...	...	...
28	Chemicals and allied products.....	32,073	19,400	3,283	15,501	...	...
29	Petroleum and coal products.....	1,031	724	(S)	(S)	...	...
32	Stone, clay and glass products.....	14,597	11,664	(S)	(S)	(S)	(S)
33	Primary metal industries.....	22,902	11,807	779	4,110	(S)	(S)
34	Fabricated metal products.....	1,694	817	23	160	...	...
35	Machinery, except electrical.....	842	523	(S)	(S)	(S)	(S)
36	Electrical machinery.....	1,897	508	...	...	...	...
37	Transportation equipment.....	520	221	(S)	(S)	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-37

by Selected Major Industry Groups. 1958--Continued

Purchased fuels--Continued						Electric energy				Code
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)		
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
109	725	14,108	4,668	1,527	1,070	671	7,463	13		
35	180	5,946	2,067	1,334	(S)	352	3,987	(S)	20	
(S)	(S)	2,755	905	(S)	(S)	102	813	...	28	
(S)	(S)	3,426	965	148	(S)	73	699	(S)	32	
(S)	(S)	293	152	(S)	52	22	316	...	34	
(S)	(S)	152	60	(S)	90	18	249	...	35	
214	725	65,285	14,273	521	2,167	1,670	17,498	417		
64	197	5,905	1,425	(S)	756	333	4,059	2	20	
(S)	(S)	1,054	250	...	(S)	20	263	(S)	26	
...	...	...	...	...	136	17	320	(S)	27
65	193	15,459	3,343	(S)	(S)	274	2,175	264	28	
(S)	(S)	19,022	3,979	(S)	107	365	2,921	(S)	29	
22	108	18,877	3,911	157	193	180	1,857	(S)	32	
(S)	(S)	455	173	(S)	58	37	601	...	34	
(S)	(S)	331	120	(S)	192	47	755	(7)	35	
(S)	(S)	(S)	(S)	...	83	26	321	(7)	36	
(S)	(S)	2,670	613	(S)	5	251	2,885	...	37	
2,252	6,399	3,938	1,060	5,141	(S)	636	7,355	164		
187	647	(S)	(S)	(S)	197	61	1,112	(S)	20	
...	...	...	...	...	211	4	103	(S)	23
780	2,186	(S)	(S)	(S)	(S)	115	1,193	(S)	28	
7,124	20,484	11,193	7,331	1,681	3,901	2,701	35,271	1,284		
904	2,446	660	539	214	1,042	232	4,076	(S)	20	
...	...	...	...	...	381	25	572	...	23
198	396	428	245	(S)	5	123	1,650	(S)	26	
...	...	...	...	...	275	39	763	...	27
943	2,972	839	543	168	79	396	3,920	(S)	28	
246	792	(S)	(S)	(S)	3	38	565	...	29	
122	394	72	32	(S)	5	101	1,272	(S)	30	
432	1,582	4,217	2,039	(S)	446	254	3,036	(S)	32	
3,643	9,691	3,678	2,783	(S)	(S)	892	10,350	(S)	33	
79	281	607	570	(S)	223	108	1,729	...	34	
29	102	(S)	(S)	7	360	62	960	...	35	
80	274	179	171	(S)	229	78	1,172	...	36	
369	1,207	(S)	(S)	490	13	248	3,230	...	37	
146	492	551	248	(S)	357	89	1,529	...		
58	194	525	205	(S)	67	40	614	...	20	
...	...	...	...	...	244	37	657	...	27
(S)	(S)	(S)	(S)	(S)	19	3	53	...	32	
1,945	5,821	12,286	6,012	3,382	4,256	2,679	29,308	1,951		
697	1,761	1,036	618	139	354	213	3,462	4	20	
123	374	(S)	(S)	(S)	...	77	1,138	(S)	21	
40	150	(S)	(S)	(S)	386	454	4,591	(S)	22	
41	388	(S)	(S)	(S)	1,617	60	1,183	12	24	
(S)	(S)	(S)	(S)	(S)	223	61	923	25	25	
453	790	2,416	1,030	(S)	(S)	221	2,210	898	26	
157	688	5,088	2,341	2,077	37	845	6,313	(S)	28	
231	728	1,596	809	320	453	194	2,268	(S)	32	
54	288	553	387	(S)	(S)	67	972	(7)	33	
22	128	(S)	(S)	(S)	52	40	649	...	34	
(S)	(S)	(S)	(S)	(S)	(S)	41	569	...	36	
1,289	3,478	36,476	15,080	2,370	4,493	4,570	31,930	2,617		
16	64	693	328	117	396	47	829	...	20	
24	143	(S)	(S)	54	522	15	331	(S)	24	
(S)	(S)	(S)	(S)	(S)	11	11	164	(S)	26	
...	...	...	...	...	85	11	190	...	27
(S)	(S)	4,586	1,672	(S)	1,028	1,945	12,673	953	28	
(S)	(S)	961	441	(S)	84	30	307	...	29	
(S)	(S)	21,229	8,457	(S)	823	300	2,933	(S)	32	
(S)	(S)	7,839	3,544	(S)	65	1,896	11,095	(S)	33	
(S)	(S)	403	228	(S)	388	58	877	(S)	34	
(S)	(S)	107	66	2	399	20	319	...	35	
...	...	(S)	(S)	...	(S)	178	1,389	...	36	
(S)	(S)	(S)	(S)	(S)	(S)	26	299	...	37	

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Fuels and Electric Energy Purchased, for States,

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
SOUTH ATLANTIC--Continued							
	North Carolina.....	84,932	40,467	2,002	17,399	17	448
20	Food and kindred products.....	6,536	3,486	30	377	...	...
22	Textile mill products.....	40,520	13,557	770	6,750	...	...
23	Apparel and related products.....	1,187	498	...	...	...	...
24	Lumber and wood products.....	4,776	2,985	(S)	(S)	...	...
25	Furniture and fixtures.....	3,080	899	34	350	...	...
26	Paper and allied products.....	9,227	7,405	613	5,102	...	...
27	Printing and publishing.....	714	208	...	...	...	...
28	Chemicals and allied products.....	4,363	3,446	352	2,877	...	...
30	Rubber and plastics products, nec.....	544	186	(S)	(S)	...	...
32	Stone, clay and glass products.....	4,659	3,662	57	579	...	...
33	Primary metal industries.....	827	560	(S)	(S)	11	399
34	Fabricated metal products.....	757	349	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	979	399	(S)	(S)	(S)	(S)
36	Electrical machinery.....	2,757	684	(S)	(S)	...	...
37	Transportation equipment.....	181	70	(S)	(S)	...	...
	South Carolina.....	75,716	37,145	1,792	15,711	(S)	(S)
20	Food and kindred products.....	2,605	1,381	13	150	...	...
22	Textile mill products.....	36,020	12,124	973	7,939	...	...
23	Apparel and related products.....	753	229	...	...	...	...
24	Lumber and wood products.....	2,852	1,727	(S)	(S)	...	...
26	Paper and allied products.....	8,627	7,096	(S)	(S)	...	...
28	Chemicals and allied products.....	15,799	9,750	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	411	247	(S)	(S)	...	...
32	Stone, clay and glass products.....	4,843	3,614	(S)	(S)	...	...
33	Primary metal industries.....	1,287	109	...	...	(S)	(S)
35	Machinery, except electrical.....	513	222	(S)	(S)	...	...
	Georgia.....	70,786	35,931	513	3,771	4	141
20	Food and kindred products.....	9,351	4,505	52	195	...	...
22	Textile mill products.....	19,063	5,497	208	1,766	...	...
23	Apparel and related products.....	1,647	564	...	...	...	...
24	Lumber and wood products.....	5,391	3,802	(S)	(S)	...	...
25	Furniture and fixtures.....	558	175	3	45	...	...
26	Paper and allied products.....	11,967	10,266	(S)	(S)	...	...
27	Printing and publishing.....	778	177	...	...	...	...
28	Chemicals and allied products.....	6,250	2,890	(S)	(S)	...	...
29	Petroleum and coal products.....	649	544	...	...	...	...
30	Rubber and plastics products, nec.....	406	100	...	(S)	...	...
32	Stone, clay and glass products.....	6,030	4,589	40	392	...	...
33	Primary metal industries.....	2,167	816	(S)	(S)	(S)	(S)
34	Fabricated metal products.....	967	382	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	983	354	(S)	(S)	(S)	(S)
36	Electrical machinery.....	813	229	...	...	...	...
	Florida.....	63,159	37,679	(S)	(S)	2	106
20	Food and kindred products.....	13,209	6,224	(S)	(S)	...	...
24	Lumber and wood products.....	2,300	1,328	(S)	(S)	...	...
25	Furniture and fixtures.....	607	128	...	...	...	...
26	Paper and allied products.....	15,543	14,031	(S)	(S)	...	...
27	Printing and publishing.....	1,333	229	...	...	...	...
28	Chemicals and allied products.....	13,094	6,478	(S)	(S)	...	...
29	Petroleum and coal products.....	855	674	...	...	...	...
32	Stone, clay and glass products.....	9,690	6,664	(S)	(S)	...	...
33	Primary metal industries.....	871	346	...	...	(S)	(S)
34	Fabricated metal products.....	1,901	669	(S)	(S)	...	...
37	Transportation equipment.....	868	238	(S)	(S)	...	...
EAST SOUTH CENTRAL							
	Kentucky.....	125,382	31,231	1,160	6,154	222	6,967
20	Food and kindred products.....	9,063	5,230	189	1,045	...	...
21	Tobacco products.....	1,592	682	44	297	...	...
23	Apparel and related products.....	529	181	...	...	...	...
24	Lumber and wood products.....	1,939	1,294	91	892	...	...
25	Furniture and fixtures.....	543	221	18	139	...	...
27	Printing and publishing.....	710	166	...	...	...	...
28	Chemicals and allied products.....	77,389	3,981	412	1,792	...	...
29	Petroleum and coal products.....	1,966	1,126	(S)	(S)	...	...
32	Stone, clay and glass products.....	3,680	2,575	(S)	(S)	...	...
33	Primary metal industries.....	15,887	10,672	(S)	(S)	(S)	(S)
34	Fabricated metal products.....	2,899	1,683	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	2,616	1,096	(S)	(S)	(S)	(S)
36	Electrical machinery.....	4,316	1,516	(S)	(S)	...	...
37	Transportation equipment.....	1,008	344	(S)	(S)	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-39

by Selected Major Industry Groups. 1958--Continued

Purchased fuels--Continued						Electric energy				Code
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)		
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
2,376	7,370	11,382	4,910	1,527	8,813	4,513	44,465	1,701		
309	1,191	1,969	783	262	873	213	3,050	(S)	20	
492	1,323	4,671	1,785	247	3,452	3,026	26,963	87	22	
...	...	...	...	...	498	50	689	...	23
(S)	(S)	(S)	(S)	428	1,874	114	1,791	12	24	
65	124	(S)	(S)	(S)	320	158	2,181	3	25	
860	2,182	(S)	(S)	(S)	(S)	222	1,822	(S)	26	
...	...	...	...	...	208	30	506	...	27
62	286	211	105	77	101	71	917	(S)	28	
(S)	(S)	(S)	(S)	(S)	48	31	358	...	30	
378	1,011	3,430	1,590	55	427	73	997	(S)	32	
(S)	(S)	79	51	(S)	9	29	267	(S)	33	
19	92	98	78	(S)	128	27	408	(S)	34	
6	22	(S)	(S)	(S)	279	39	580	(7)	35	
(S)	(S)	(S)	(S)	(S)	371	254	2,073	...	36	
(S)	(S)	(S)	(S)	(S)	18	7	111	...	37	
2,782	7,782	19,723	7,829	(S)	4,240	4,849	38,571	1,889		
101	299	380	241	212	479	89	1,224	...	20	
275	951	5,463	2,087	462	685	3,146	23,896	239	22	
...	...	...	...	...	229	31	524	(7)	23
5	126	91	57	(S)	1,352	66	1,125	(S)	24	
1,684	4,565	(S)	(S)	(S)	(S)	176	1,531	557	26	
377	863	(S)	(S)	597	367	928	6,049	(S)	28	
(S)	(S)	(S)	(S)	...	12	18	164	...	30	
133	390	5,325	2,172	(S)	811	96	1,229	...	32	
(S)	(S)	(S)	(S)	...	2	206	1,178	...	33	
(S)	(S)	(S)	(S)	(S)	151	24	291	...	35	
3,112	9,504	41,434	13,346	1,986	7,183	3,306	34,855	1,476		
263	930	4,467	1,778	374	1,228	354	4,846	(S)	20	
119	494	7,703	2,273	467	497	1,516	13,566	114	22	
...	...	...	...	...	564	65	1,083	...	23
57	280	727	345	(S)	2,894	81	1,589	(S)	24	
(S)	(S)	(S)	(S)	(S)	75	22	383	...	25	
1,984	5,447	12,133	3,577	(S)	328	167	1,701	1,236	26	
...	...	...	...	...	177	32	601	(7)	27
223	479	4,123	1,606	(S)	428	377	3,360	(S)	28	
(S)	(S)	(S)	(S)	(S)	3	9	105	...	29	
(S)	(S)	(S)	(S)	(S)	35	22	306	...	30	
257	1,156	8,662	2,285	368	388	124	1,441	(S)	32	
(S)	(S)	1,291	454	(S)	56	126	1,351	...	33	
(S)	(S)	327	181	(S)	94	36	585	(S)	34	
(S)	(S)	188	109	(S)	177	39	629	...	35	
...	...	328	120	(S)	(S)	54	584	...	36	
8,341	21,855	22,067	5,957	(S)	5,013	1,799	25,480	1,664		
2,115	5,356	750	293	(S)	132	422	6,985	6	20	
19	118	(S)	(S)	116	979	51	972	(S)	24	
(S)	(S)	(S)	(S)	36	54	22	479	...	25	
3,587	8,985	8,004	1,997	(S)	1,648	117	1,512	1,444	26	
...	...	...	...	...	229	57	1,104	(7)	27
613	1,819	12,258	3,049	985	(S)	667	6,616	175	28	
108	414	(S)	(S)	(S)	170	8	181	...	29	
1,732	4,717	193	85	673	(S)	231	3,026	(S)	32	
98	138	(S)	(S)	(S)	(S)	35	525	...	33	
14	75	591	357	(S)	154	66	1,232	...	34	
13	78	(S)	(S)	74	75	31	630	(S)	37	
515	1,908	27,147	9,563	865	5,774	21,042	94,151	121		
119	472	1,811	901	147	2,665	282	3,833	20	20	
(S)	(S)	423	182	(S)	...	73	910	...	21	
...	...	...	...	...	181	19	348	...	23
(S)	(S)	(S)	(S)	45	285	33	645	(S)	24	
(S)	(S)	21	20	(S)	...	18	322	(S)	25	
...	...	...	...	...	166	37	544	...	27
28	158	5,364	1,816	171	44	18,925	73,408	(S)	28	
(S)	(S)	(S)	(S)	(S)	(S)	99	840	...	29	
71	116	3,727	1,517	(S)	157	96	1,105	(S)	32	
(S)	(S)	11,791	3,258	(S)	122	774	5,215	(S)	33	
33	161	1,736	849	(S)	113	93	1,216	1	34	
(S)	(S)	206	113	(S)	363	135	1,520	...	35	
...	...	(S)	(S)	(S)	1,376	323	2,800	...	36	
14	63	(S)	(S)	(S)	(S)	87	664	...	37	

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Fuels and Electric Energy Purchased, for States,

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
EAST SOUTH CENTRAL--Continued							
	Tennessee.....	165,422	46,084	2,606	17,891	(S)	(S)
20	Food and kindred products.....	8,003	4,739	80	684	...	...
22	Textile mill products.....	4,316	1,702	80	562	...	...
23	Apparel and related products.....	972	385	...	...	...	...
24	Lumber and wood products.....	2,223	1,209	(S)	(S)	...	...
25	Furniture and fixtures.....	796	272	7	73	...	...
26	Paper and allied products.....	6,820	3,864	(S)	(S)	...	...
27	Printing and publishing.....	736	224	...	...	...	...
28	Chemicals and allied products.....	103,962	19,527	1,650	11,739	...	...
30	Rubber and plastics products, nec.....	1,453	537	(S)	(S)	...	...
31	Leather and leather products.....	549	249	(S)	(S)	...	...
32	Stone, clay and glass products.....	7,714	5,366	455	2,746	(S)	(S)
33	Primary metal industries.....	18,346	2,784	(S)	(S)	17	434
34	Fabricated metal products.....	3,249	2,103	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	1,193	643	(S)	(S)	(S)	(S)
36	Electrical machinery.....	2,879	1,255	(S)	(S)	(S)	(S)
	Alabama.....	123,669	74,035	1,245	8,557	1,465	29,156
20	Food and kindred products.....	4,108	1,695	7	104	...	...
22	Textile mill products.....	7,516	2,093	64	582	...	...
23	Apparel and related products.....	619	224	...	...	...	...
24	Lumber and wood products.....	4,131	2,691	(S)	(S)	...	...
26	Paper and allied products.....	9,315	6,679	(S)	(S)	...	...
27	Printing and publishing.....	453	133	...	...	...	...
28	Chemicals and allied products.....	10,857	5,417	(S)	(S)	...	...
29	Petroleum and coal products.....	833	683	(S)	(S)	...	...
30	Rubber and plastics products, nec.....	2,223	832	(S)	(S)	...	...
32	Stone, clay and glass products.....	11,261	8,432	96	610	(S)	(S)
33	Primary metal industries.....	67,507	43,189	217	1,969	1,444	28,590
34	Fabricated metal products.....	1,990	997	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	648	277	(S)	(S)	(S)	(S)
36	Electrical machinery.....	492	144	...	...	...	...
37	Transportation equipment.....	1,217	403	(S)	(S)	(S)	(S)
	Mississippi.....	27,460	15,309	6	97	(S)	(S)
20	Food and kindred products.....	4,181	1,973	(S)	(S)	...	...
22	Textile mill products.....	806	247	...	...	...	...
23	Apparel and related products.....	647	197	...	...	...	...
24	Lumber and wood products.....	3,063	1,802	(S)	(S)	...	...
25	Furniture and fixtures.....	427	104	...	...	...	...
26	Paper and allied products.....	6,795	5,059	...	...	...	...
28	Chemicals and allied products.....	4,720	2,459	...	...	...	...
32	Stone, clay and glass products.....	2,742	1,774	(S)	(S)	...	...
35	Machinery, except electrical.....	348	125	...	...	...	...
36	Electrical machinery.....	430	190	...	...	...	...
37	Transportation equipment.....	1,340	717	(S)	(S)	...	...
39	Miscellaneous manufacturing.....	83	17	...	...	...	...
WEST SOUTH CENTRAL							
	Arkansas.....	36,572	20,670	17	123	1	21
20	Food and kindred products.....	3,910	1,471	(S)	(S)	...	...
22	Textile mill products.....	483	174	...	...	...	...
24	Lumber and wood products.....	3,265	1,756	(S)	(S)	...	...
25	Furniture and fixtures.....	705	210	(S)	(S)	...	...
26	Paper and allied products.....	4,598	2,876	(S)	(S)	...	...
28	Chemicals and allied products.....	6,214	5,717	...	...	...	...
29	Petroleum and coal products.....	2,811	2,346	...	...	...	...
32	Stone, clay and glass products.....	2,336	1,630	...	...	...	...
33	Primary metal industries.....	3,916	3,916	(S)	(S)	(S)	(S)
	Louisiana.....	93,450	68,155	3	38	12	268
20	Food and kindred products.....	7,798	4,626	(S)	(S)	(S)	(S)
24	Lumber and wood products.....	2,692	1,608	(S)	(S)	...	...
26	Paper and allied products.....	10,884	7,866	...	...	...	...
27	Printing and publishing.....	392	67	...	...	...	...
28	Chemicals and allied products.....	22,003	14,353	(S)	(S)	...	...
29	Petroleum and coal products.....	33,561	27,886	...	...	...	...
32	Stone, clay and glass products.....	4,687	2,900	...	...	...	...
33	Primary metal industries.....	8,555	7,967	(S)	(S)	(S)	(S)
34	Fabricated metal products.....	826	318	...	...	...	...
37	Transportation equipment.....	829	151	(S)	(S)	...	...
	Oklahoma.....	26,525	15,297	147	1,057	7	184
20	Food and kindred products.....	3,697	1,657	(S)	(S)	...	...
27	Printing and publishing.....	456	115	...	...	...	...
28	Chemicals and allied products.....	929	157	...	...	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-41

by Selected Major Industry Groups. 1958--Continued

Purchased fuels--Continued						Electric energy				Code
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)		
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)			
632	2,824	43,832	15,075	(S)	6,051	27,335	119,338	2,490		
155	410	6,587	2,293	391	961	362	3,264	(S)	20	
(S)	(S)	1,419	387	(S)	554	373	2,614	(S)	22	
...	...	...	...	...	385	41	587	...	23
(S)	(S)	228	143	(S)	439	79	1,014	19	24	
(S)	(S)	73	62	(S)	(S)	43	524	...	25	
116	397	7,998	2,218	(S)	(S)	523	2,956	(S)	26	
...	...	...	...	...	224	49	512	...	27
139	710	13,260	4,639	1,958	481	21,209	84,435	2,028	28	
(S)	(S)	1,267	302	(S)	41	139	916	...	30	
(S)	(S)	(S)	(S)	...	124	28	300	...	31	
32	139	3,859	1,616	(S)	672	354	2,348	...	32	
47	73	4,305	1,787	(S)	37	3,537	15,562	...	33	
(S)	(S)	1,837	703	36	552	147	1,146	...	34	
(S)	(S)	212	93	(S)	163	60	550	...	35	
(S)	(S)	(S)	(S)	(S)	961	279	1,624	...	36	
1,369	5,702	87,859	24,883	1,033	4,704	7,329	49,634	1,233		
43	188	1,622	713	185	505	199	2,413	...	20	
43	185	3,765	1,179	(S)	(S)	700	5,423	(S)	22	
...	...	...	...	...	224	91	395	...	23
43	410	209	129	(S)	1,877	88	1,440	(S)	24	
(S)	(S)	10,727	2,907	(S)	218	359	2,636	(S)	26	
...	...	...	...	...	133	22	320	...	27
86	271	12,118	3,107	(S)	251	896	5,440	(S)	28	
(S)	(S)	(S)	(S)	(S)	20	13	150	...	29	
(S)	(S)	(S)	(S)	(S)	52	205	1,391	...	30	
131	590	25,502	6,684	(S)	243	376	2,829	...	32	
808	3,105	30,450	8,879	193	453	4,135	24,318	118	33	
5	37	1,071	427	(S)	143	81	993	...	34	
(S)	(S)	63	42	(S)	182	24	371	...	35	
(S)	(S)	(S)	(S)	(S)	89	36	348	...	36	
(S)	(S)	(S)	(S)	(S)	98	81	814	...	37	
75	390	40,504	10,899	(S)	3,128	1,110	12,151	537		
26	171	2,351	877	(S)	603	152	2,208	(S)	20	
...	...	(S)	(S)	(S)	82	43	559	...	22	
...	...	...	...	...	197	29	450	...	23
34	84	564	205	(S)	1,399	72	1,261	13	24	
...	...	183	85	(S)	(S)	23	323	...	25	
(S)	(S)	(S)	(S)	(S)	6	184	1,736	505	26	
(S)	(S)	6,825	1,796	(S)	390	334	2,261	(S)	28	
(S)	(S)	5,826	1,552	(S)	171	85	968	...	32	
(S)	(S)	(S)	(S)	(S)	74	15	223	...	35	
...	...	(S)	(S)	(S)	(S)	25	240	...	36	
(S)	(S)	(S)	(S)	(S)	(S)	61	623	...	37	
...	...	...	...	...	17	5	66	...	39
204	1,012	80,832	16,816	424	2,274	2,711	15,902	1,309		
61	139	2,400	707	(S)	518	167	2,439	1	20	
(S)	(S)	(S)	(S)	...	18	25	309	(S)	22	
5	375	826	341	196	844	94	1,509	(S)	24	
(S)	(S)	261	124	(S)	45	37	495	...	25	
(S)	(S)	12,650	2,787	(S)	5	177	1,722	(S)	26	
(S)	(S)	29,103	5,547	(S)	39	46	497	269	28	
...	...	11,139	2,197	(S)	(S)	63	465	(S)	29	
(S)	(S)	6,303	1,218	(S)	285	62	706	(S)	32	
(S)	(S)	17,914	3,688	...	7	1,949	6,273	(S)	33	
91	556	349,693	61,121	2,844	3,328	3,274	25,295	5,875		
40	115	15,458	3,371	307	617	227	3,172	(S)	20	
(S)	(S)	936	307	230	910	65	1,084	(S)	24	
(S)	(S)	66,989	7,771	(S)	26	375	3,018	1,000	26	
...	...	...	...	...	67	19	325	...	27
(S)	(S)	77,572	12,821	(S)	1,060	1,205	7,650	1,219	28	
(S)	(S)	127,765	26,303	(S)	6	1,018	5,675	324	29	
12	106	11,797	2,406	135	253	185	1,787	(S)	32	
(S)	(S)	48,465	7,874	(S)	31	50	588	(S)	33	
(S)	(S)	396	123	(S)	160	34	508	...	34	
(S)	(S)	182	68	...	(S)	50	678	...	37	
27	122	68,367	11,781	833	1,320	1,266	11,228	153		
20	62	3,346	940	(S)	522	142	2,040	(S)	20	
...	...	...	...	...	115	22	341	(7)	27
(S)	(S)	512	127	(S)	13	122	772	...	28	

MANUFACTURES--SUMMARY STATISTICS

Table 5.--Fuels and Electric Energy Purchased, for States,

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
	WEST SOUTH CENTRAL--Continued						
	Oklahoma--Continued						
29	Petroleum and coal products.....	9,453	6,673	(S)	(S)	...	..
32	Stone, clay and glass products.....	4,313	2,971	(S)	(S)	...	...
33	Primary metal industries.....	2,724	2,156	(S)	(S)	(S)	(S)
34	Fabricated metal products.....	901	264	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	1,174	354	...	...	(S)	(S)
37	Transportation equipment.....	898	216	...	...	...	...
	Texas.....	240,864	167,929	680	6,875	162	3,151
20	Food and kindred products.....	17,200	6,023	(S)	(S)	...	...
22	Textile mill products.....	1,437	281	...	...	...	...
23	Apparel and related products.....	1,249	295	...	...	...	...
24	Lumber and wood products.....	2,698	1,359	...	...	...	...
25	Furniture and fixtures.....	870	228	(S)	(S)	...	...
26	Paper and allied products.....	5,228	3,251	...	...	...	...
27	Printing and publishing.....	2,000	417	...	...	...	...
28	Chemicals and allied products.....	56,272	40,076	(S)	(S)	...	...
29	Petroleum and coal products.....	90,037	78,188	...	...	...	...
30	Rubber and plastics products, nec.....	1,229	358	...	...	...	...
32	Stone, clay and glass products.....	17,924	12,377	...	...	(S)	(S)
33	Primary metal industries.....	28,307	20,197	(S)	(S)	157	2,977
34	Fabricated metal products.....	3,908	1,386	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	5,295	1,678	(S)	(S)	(S)	(S)
36	Electrical machinery.....	922	145	(S)	(S)	...	...
37	Transportation equipment.....	5,186	1,317	(S)	(S)	...	...
	MOUNTAIN						
	Montana.....	17,477	9,180	125	841	53	1,115
20	Food and kindred products.....	1,760	1,246	(S)	(S)	(S)	(S)
	Idaho.....	20,629	10,711	155	1,652	35	792
20	Food and kindred products.....	4,033	2,971	74	704	(S)	(S)
	Wyoming.....	4,589	3,435	67	363	(S)	(S)
	Colorado.....	23,719	14,960	396	2,352	37	986
20	Food and kindred products.....	6,799	4,655	338	1,953	12	280
32	Stone, clay and glass products.....	4,585	2,927	(S)	(S)	...	...
	New Mexico.....	4,161	2,339	(S)	(S)	(S)	(S)
	Arizona.....	14,198	7,945	(S)	(S)	(S)	(S)
33	Primary metal industries.....	5,861	4,026	...	...	(S)	(S)
	Utah.....	17,028	11,297	320	2,415	34	792
20	Food and kindred products.....	2,381	1,261	63	465	(S)	(S)
32	Stone, clay and glass products.....	3,042	2,168	136	820	(S)	(S)
	Nevada.....	6,094	3,853	147	1,546	(S)	(S)
	PACIFIC						
	Washington.....	81,017	40,204	133	1,292	10	278
20	Food and kindred products.....	7,487	4,823	14	159	(S)	(S)
24	Lumber and wood products.....	8,687	5,160	(S)	(S)	...	...
26	Paper and allied products.....	19,265	14,092	...	...	...	...
27	Printing and publishing.....	542	175	...	...	...	...
28	Chemicals and allied products.....	12,807	4,781	(S)	(S)	...	...
29	Petroleum and coal products.....	1,934	1,117	(S)	(S)	...	...
32	Stone, clay and glass products.....	5,626	4,092	(S)	(S)	(S)	(S)
33	Primary metal industries.....	18,157	3,301	(S)	(S)	(S)	(S)
34	Fabricated metal products.....	1,350	673	(S)	(S)	(S)	(S)
37	Transportation equipment.....	3,301	1,369	(S)	(S)	...	...
	Oregon.....	48,879	27,439	67	665	16	434
20	Food and kindred products.....	5,216	3,468	(S)	(S)	(S)	(S)
24	Lumber and wood products.....	19,640	12,093	(S)	(S)	...	...
26	Paper and allied products.....	8,392	5,300	(S)	(S)	...	...
27	Printing and publishing.....	359	83	...	...	...	...
28	Chemicals and allied products.....	1,262	505	...	...	...	...
32	Stone, clay and glass products.....	3,297	2,750	(S)	(S)	...	...

See footnotes at end of table.

FUELS AND ELECTRIC ENERGY CONSUMED

6-43

by Selected Major Industry Groups. 1958--Continued

Purchased fuels--Continued						Electric energy			
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)	Code
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (million cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)		
...	...	42,193	6,670	(S)	(S)	383	2,780	107	29
(S)	(S)	12,673	2,077	(S)	169	151	1,342	(S)	32
...	...	7,280	1,349	(S)	(S)	100	568	...	33
(S)	(S)	322	110	(S)	119	39	637	...	34
(S)	(S)	168	47	(S)	284	51	820	(S)	35
...	...	854	186	(S)	6	(S)	(S)	...	37
765	2,865	873,975	142,579	4,823	7,636	8,771	72,935	10,918	
173	385	14,923	3,390	(S)	1,409	929	11,177	65	20
(S)	(S)	861	214	...	(S)	127	1,156	...	22
...	...	...	...	...	295	43	954	(S)	23
112	598	1,248	311	144	306	80	1,339	51	24
(S)	(S)	89	70	(S)	116	34	642	(S)	25
(S)	(S)	16,176	2,481	(S)	165	266	1,977	706	26
...	...	...	...	...	417	98	1,583	(S)	27
(S)	(S)	253,117	37,465	1,272	1,237	2,529	16,196	3,250	28
...	...	470,936	78,043	(S)	(S)	1,653	11,849	1,821	29
...	...	803	194	(S)	(S)	86	871	...	30
139	644	48,975	9,437	(S)	1,085	610	5,547	93	32
(S)	(S)	61,263	9,180	201	406	1,265	8,110	4,930	33
(S)	(S)	1,124	455	304	258	172	2,522	(S)	34
(S)	(S)	611	243	132	1,218	326	3,617	...	35
...	...	(S)	(S)	(S)	28	67	777	...	36
30	109	3,679	968	158	81	431	3,869	...	37
156	675	10,653	4,776	1,081	692	2,293	8,297	32	
39	107	1,034	583	(S)	(S)	38	514	12	20
168	685	5,705	5,157	1,136	1,289	1,814	9,918	153	
73	197	3,080	1,549	(S)	293	84	1,062	(S)	20
11	85	6,628	2,775	(S)	172	129	1,154	30	
806	1,671	29,290	8,345	502	1,104	714	8,759	318	
78	231	6,631	1,765	196	230	159	2,144	71	20
(S)	(S)	7,251	2,475	121	151	161	1,658	...	32
19	183	4,708	1,147	(S)	469	132	1,822	3	
47	254	16,245	6,100	864	527	536	6,253	96	
(S)	(S)	14,067	3,805	(S)	(S)	219	1,835	...	33
1,024	3,053	11,322	3,831	602	604	613	5,731	449	
32	79	1,528	564	(S)	43	85	1,120	(S)	20
124	400	1,952	536	(S)	(S)	81	874	...	32
155	759	2,738	1,101	(S)	91	588	2,241	23	
3,310	10,431	41,966	17,343	5,927	4,933	12,734	40,813	864	
333	988	4,838	1,997	(S)	1,072	244	2,664	(S)	20
366	1,226	(S)	(S)	1,334	2,549	352	3,527	...	24
1,498	4,161	16,147	6,515	3,323	93	1,448	5,173	631	26
...	...	...	...	...	175	25	367	...	27
271	1,056	7,027	3,124	(S)	232	4,287	8,026	(S)	28
(S)	(S)	(S)	(S)	(S)	18	109	817	...	29
147	622	4,118	1,671	241	392	329	1,534	(S)	32
320	942	5,650	2,304	(S)	(S)	5,494	14,856	...	33
66	267	237	172	128	101	59	677	...	34
230	787	(S)	(S)	(S)	(S)	291	1,932	...	37
1,923	7,766	14,852	6,272	3,817	8,485	4,358	21,440	429	
322	1,136	2,620	1,381	(S)	555	171	1,748	(S)	20
521	2,446	(S)	(S)	2,193	7,147	703	7,547	351	24
517	2,304	5,316	2,103	(S)	(S)	714	3,092	56	26
...	...	...	...	...	83	20	276	...	27
35	103	(S)	(S)	(S)	11	246	757	...	28
180	586	3,473	1,299	173	(S)	76	547	(S)	32

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Fuels and Electric Energy Purchased, for States,

Code	Division, State, and major group	Total cost of purchased fuels and electric energy (\$1,000)	Purchased fuels				
			Total cost of purchased fuels (\$1,000)	Bituminous coal and anthracite		Coke	
				Quantity (1,000 tons)	Cost (\$1,000)	Quantity (1,000 tons)	Cost (\$1,000)
	PACIFIC--Continued						
	Oregon--Continued						
33	Primary metal industries.....	7,523	1,633	(S)	(S)	(S)	(S)
34	Fabricated metal products.....	775	392	(S)	(S)	...	...
35	Machinery, except electrical.....	501	204	...	...	...	...
	California.....	281,250	141,378	29	414	73	2,709
20	Food and kindred products.....	44,337	26,104	(S)	(S)	(S)	(S)
22	Textile mill products.....	977	362	...	...	...	...
23	Apparel and related products.....	2,237	614	...	...	...	...
24	Lumber and wood products.....	15,811	7,915	...	...	...	...
25	Furniture and fixtures.....	2,475	660	...	...	...	...
26	Paper and allied products.....	12,664	7,526	...	...	...	...
27	Printing and publishing.....	4,748	1,195	...	...	...	...
28	Chemicals and allied products.....	27,124	12,550	...	...	...	...
29	Petroleum and coal products.....	28,911	15,335	...	...	...	...
30	Rubber and plastics products, nec.....	6,460	2,114	(S)	(S)	...	...
32	Stone, clay and glass products.....	47,415	34,067	(S)	(S)	(S)	(S)
33	Primary metal industries.....	28,800	15,005	(S)	(S)	58	2,142
34	Fabricated metal products.....	12,066	4,370	(S)	(S)	(S)	(S)
35	Machinery, except electrical.....	8,475	2,263	(S)	(S)	(S)	(S)
36	Electrical machinery.....	7,357	1,897	...	...	(S)	(S)
37	Transportation equipment.....	20,850	5,002	(S)	(S)	...	...

Note: Detailed figures may not add to totals because of independent rounding.

S Withheld because the figure did not meet publication standards either on the basis that it would disclose the operations of individual companies or represents incomplete reporting.

¹Includes distillate and residual oil.

²Includes natural, manufactured, and mixed gas.

³The principal fuels included in this column are gasoline, liquefied petroleum gas, and wood.

FUELS AND ELECTRIC ENERGY CONSUMED

6-45

by Selected Major Industry Groups. 1958--Continued

Purchased fuels--Continued						Electric energy			Code
Fuel oil ¹		Gas ²		Other fuels ³	Fuels not specified by kind	Purchased		Generated less sold (million kw.-hrs.)	
Quantity (1,000 barrels)	Cost (\$1,000)	Quantity (1,000 cu. ft.)	Cost (\$1,000)			Quantity (million kw.-hrs.)	Cost (\$1,000)		
170	712	1,007	411	(S)	(S)	2,292	5,890	...	33
42	132	216	119	(S)	121	31	383	(7)	34
6	35	(S)	(S)	(S)	139	24	297	...	35
4,957	15,777	240,848	87,259	7,702	27,517	13,198	139,872	851	
389	1,339	41,786	17,195	(S)	6,106	1,464	18,233	100	20
(S)	(S)	372	203	(S)	98	74	615	...	22
...	...	...	...	...	614	72	1,623	(S)	23
697	2,355	543	271	1,260	4,029	537	7,896	120	24
(S)	(S)	184	117	(S)	474	96	1,815	(S)	25
618	1,615	12,508	4,917	301	693	500	5,138	299	26
...	...	...	...	...	1,195	218	3,553	(7)	27
300	983	23,975	8,040	1,936	1,591	1,740	14,574	(7)	28
273	904	57,357	13,941	347	143	1,766	13,576	(S)	29
(S)	(S)	3,973	1,435	(S)	520	416	4,346	1	30
1,205	3,976	66,229	25,228	1,321	3,326	1,330	13,348	154	32
1,274	3,665	19,495	8,351	203	318	1,471	13,795	(S)	33
42	179	4,057	2,069	243	1,715	523	7,696	1	34
5	32	1,046	552	144	1,472	384	6,212	(S)	35
(S)	(S)	1,362	692	87	1,097	404	5,460	(7)	36
103	537	7,131	3,412	(S)	642	1,646	15,848	...	37

⁴In addition, 36,221 thousand tons were consumed by establishments manufacturing and consuming coke at the same location (e.g., combined coke oven, blast furnace, steel mill activity); see text for further explanation and table 4 for geographic distribution.

⁵In addition, 66,103 thousand barrels were consumed in 1958 by petroleum establishments producing fuel oil. See table 4 for geographic distribution.

⁶In addition, 5,510,217 million cubic feet were consumed by establishments producing steel gas. See table 4 for geographic distribution.

⁷Less than 500 thousand kw.-hrs.

⁸Less than 500 tons.

⁹Less than \$500.

SELECTED MATERIALS CONSUMED

7-1

Selected Materials Consumed

Content of Chapter

This chapter contains statistics for about 125 selected materials consumed by manufacturing establishments in 1958. In addition to the summary data by industry and States for these materials for which relatively complete manufacturing consumption was reported, there appears a table showing the percentage of the cost for the specified purchased materials for which separate data appear in Volume II, Industry Statistics, to the total cost of materials, parts, components, and supplies of an industry. This table provides information showing the degree to which materials data by industry were collected and compiled in the 1958 Census of Manufactures. Since data for many of these materials were compiled but are not shown in this chapter because their coverage was limited, an index is also provided. This index lists by material, the industry or industries for which consumption data are shown in Volume II, Industry Statistics. Therefore, this report is a ready reference to data on materials consumed published in the 1958 Census of Manufactures volumes.

Some additional data on materials consumed are collected and published in the Census Bureau's Current Industrial Reports. Retabulations of some of these data are shown below as for example the table on "Consumption of Raw Cotton." Selected consumption information, such as quantities produced and consumed, or paper purchased for specific products were also collected in the product and special inquiry sections of the Census of Manufactures report form. These data generally are not to be found in this report but appear in the appropriate industry chapters of Volume II, Industry Statistics.

In addition to the data referred to above, other related statistics were collected in the 1958 Census of Manufactures. Table 3 of Volume II, Industry Statistics, contains information showing the cost of resales, fuels, electricity, and contract work. The statistics on detailed fuels and electric energy appear in Chapter 6 and information on water consumed appears in Chapter 11 of Volume I, Summary Statistics. Data relating to materials mined by establishments classified in manufacturing, primarily those for Major Group 32, Stone, Clay and Glass Products, are included in the Census of Mineral Industries publications.

Scope of Data in Tables

The data are arranged in this chapter according to broad groups of industries which represent 2-digit Standard Industrial Classification groups or combinations of such groups. The text preceding each industry grouping defines the group, notes any special problems and points out where consumption outside manufacturing is significant. In addition, definitions of the materials for which data are shown or other explanatory statements are included in the texts preceding the industry groupings.

The statistics shown in this chapter include primarily "complete" coverage materials for which figures were collected in the materials inquiry section of the Census of Manufactures forms. "Complete" coverage materials are those for which the data obtained in the 1958 Census represent about 90 percent or more of total consumption by manufacturing industries. Generally, material data are not shown in this chapter where only two or three industries accounted for the major portion of the manufacturing consumption of the material. However, such materials are listed in the index and the data are shown in the materials consumed tables of Volume II, Industry Statistics. Also, statistics are not generally shown in this chapter on materials for which Census information was obtained in conjunction with the data on shipments of the material. Data on the latter material appear in the product tables (table 6) of Volume II.

Establishment Basis of Data

With a few exceptions that are noted in the individual texts, the data shown are the total consumption by establishments classified in the specified industry rather than the total consumption in the manufacture of the products defined by the industry title. That is, all of the metal consumed by an establishment classified in the Metal Stampings Industry (3461) is included in the total for that industry. Consequently, the quantity of material consumed by this industry includes not only that used in stampings but also the quantities used in producing secondary products as special dies, jigs, fixtures, electrical appliances, etc. Volume I, Summary Statistics, contains an appendix entitled, Industry Descriptions, where data are shown on the proportion that shipments of the

primary products of an industry are of the total shipments of the industry. Conversely, the material totals for an industry do not include the materials consumed in products primary to the industry by establishments classified in other industries. Data on the proportion of shipments of primary products of each industry shipped by the primary industry are also shown in the appendix.

Coverage

As noted in the introduction to the Census Volumes, some undercoverage exists in the statistics for most materials. This undercoverage results from the fact that very small establishments and establishments consuming negligible amounts of specific materials were not required to report these materials. While no precise measure of the effect of the undercoverage is available, it is believed that for most materials for which data are shown in this chapter, the understatement is insignificant. However, for some materials which are characterized by large numbers of small consumers, the undercoverage resulting from this factor may be of some consequence, especially in the smaller cells. Adjustments for this undercoverage are, for example, shown for broad-woven fabrics (Textiles).

The totals for consumption of a material by all industries shown in the tables in this chapter generally do not represent complete manufacturing consumption. Industries selected for coverage generally totaled 90 percent or more of manufacturing consumption. Consequently, as much as 10 percent of the manufacturing consumption of a material may not be accounted for in the table. This factor would not affect the totals for the individual industries included in the tables. Moreover, data for material consumption in a State represent the consumption in that State only by the industries specified in the material by industry table.

Definition of Materials Consumed

Census respondents were requested to report the amounts actually paid or payable after discounts and to include freight and direct

charges incurred in acquiring the materials consumed during 1958. For materials transferred from other establishments of the same company, respondents were requested to report the nearest approximation to the commercial value of the material. Where a question arose concerning such transfer values, respondents were requested to determine the value of the material reported to Census as a product by the producing plant and then to add only freight and other direct handling charges. Thus, the cost of materials consumed represents a "purchasers price" as contrasted to the value of the output of the material which may be termed a "producers price."

Consumption of any given item was defined as the quantity actually consumed or put into production by the establishment during the report year. Respondents were generally permitted to use purchase data where purchases closely approximated consumption. However, where inventory change was significant, respondents were requested to take this into account in determining consumption for major items.

Relationship of Materials Data to Other Statistics

The materials consumed by manufacturers may have been obtained from any or all of a number of possible sources. These include imports as well as materials produced domestically. They may have been produced in the establishment, obtained directly from the manufacturer of the materials, from some trade channel such as wholesalers or from the stocks of the consuming manufacturer. In some instances, previously held stocks of producers of the material and of trade channels were a significant source of individual materials consumed during the year.

The products produced from the materials consumed may either have been shipped or added to work-in-process or finished goods inventory as of the end of the year. Therefore, in relating material consumed data to shipment or value added data, it is necessary to take into account inventory changes in work-in-process and finished goods for the industry.

List of Tables

	Page
FOODS.....	7-7
Tables	
1A Selected Grains Consumed by Specified Industries: 1958 and 1954.....	7-8
1B Wheat Flour and Semolina Durum Flour Consumed by Specified Industries: 1958 and 1954.....	7-8
1C Refined Sugar (Cane and Beet--206011) Consumed by Specified Industries: 1958 and 1954.....	7-9
1D Dairy Products Consumed by Specified Industries: 1958 and 1954.....	7-9
1E Finfish, Round (091211), Consumed by Specified Industries: 1958 and 1954.....	7-9
2A Number of Animals Slaughtered in Establishments Classified in Industry 2011, Meat Packing Plants, by Divisions and States: 1958 and 1954.....	7-10
2B Weight and Cost of Animals Slaughtered in Establishments Classified in Industry 2011, Meat Packing Plants, by Divisions and States: 1958 and 1954.....	7-11
2C Weight and Cost of Poultry Killed in Establishments Classified in Industry 2015, Poultry Dressing Plants, by Divisions and States: 1958 and 1954.....	7-13
2D Selected Grains Consumed by Divisions and States: 1958.....	7-14
2E Grain Mill Products Consumed by Divisions and States: 1958 and 1954.....	7-16
2F Feed Materials Consumed by Divisions and States: 1958 and 1954.....	7-18
2G Refined Sugar (Cane-Beet) and Shortening Consumed by Divisions and States: 1958 and 1954.....	7-19
2H Green Coffee (011251) Consumed by Divisions and States: 1958 and 1954.....	7-20
2I Finfish, Round (091211) Consumed by Divisions and States: 1958 and 1954.....	7-20
2J Dairy Products Consumed by Divisions and States: 1958.....	7-21
TEXTILES.....	7-22
Tables	
1A Consumption of Raw Cotton (011161) by Industries, Divisions, and States: 1958.....	7-23
1B Consumption of Man-Made Fiber Staple (282511) on the Cotton Systems, by Industries, Divisions, and States: 1958.....	7-24
1C Consumption of Linters (288117) by Type of Consumer: 1958.....	7-24
1D Consumption of Broad-Woven Fabrics (Piece Goods) by Selected Industries: 1958.....	7-25
PULPWOOD, WOOD PULP, PAPER AND BOARD, AND NEWSPRINT.....	7-27
Tables	
1 Newsprint (261211) Consumed by Specified Industries: 1958 and 1954.....	7-28
2 Newsprint Consumed by Publishing Industries, by Divisions and States: 1958.....	7-29
CHEMICALS, FUEL MATERIALS, AND RUBBER.....	7-30
Tables	
1A Purchased Fuels Converted to Other Fuel Forms by Specified Industries: 1958 and 1954.....	7-31
1B Purchased Fuels Consumed as Raw Materials by Specified Industries: 1958 and 1954.....	7-31
1C Sulfur (Native and Recovered) and Pyrites Consumed by Specified Industries: 1958 and 1954.....	7-31
1D Sulfuric Acid (281111) Consumed by Specified Industries: 1958 and 1954.....	7-32
1E Chlorine (281211) Consumed by Specified Industries: 1958 and 1954.....	7-32
1F Sodium Hydroxide (281221) Consumed by Specified Industries: 1958 and 1954.....	7-33
1G Sodium Carbonate (281231) Consumed by Specified Industries: 1958 and 1954.....	7-33
1H Ammonia (281931) Consumed by Specified Industries: 1958 and 1954.....	7-34
1I Nitric Acid (281925) Consumed by Specified Industries: 1958 and 1954.....	7-34
1J Sodium Sulfate (281971) Consumed by Specified Industries: 1958 and 1954.....	7-34
1K Purchased Rubber Consumed by Specified Industries: 1958 and 1954.....	7-35
2A Sulfur (Native and Recovered) (147711) Consumed by Divisions: 1958.....	7-36
2B Sulfuric Acid (281111) Consumed by Divisions and States: 1958 and 1954.....	7-36
2C Chlorine (281211) Consumed by Divisions and States: 1958 and 1954.....	7-37
2D Sodium Hydroxide (281221) Consumed by Divisions and States: 1958 and 1954.....	7-37
2E Sodium Carbonate (281231) Consumed by Divisions and States: 1958 and 1954.....	7-38
2F Ammonia (281931) Consumed by Divisions and States: 1958 and 1954.....	7-38
2G Sodium Sulfate (281971) Consumed by Divisions and States: 1958.....	7-38
2H Purchased Rubber Consumed in the Rubber Products Industry Group by Divisions and States: 1958 and 1954.....	7-39

List of Tables—Continued

	Page
METALS.....	7-40
Tables	
1A Consumption of Steel Mill Shapes and Forms by Specified Industry Groups and Industries: 1958....	7-42
1B Consumption of Selected Nonferrous Mill Shapes and Forms by Specified Industry Groups and Industries: 1958.....	7-48
1C Consumption of Selected Castings and Forgings by Selected Industry Groups and Industries: 1958 ...	7-52
1D Consumption of Pig Iron and Selected Nonferrous Refinery Shapes by Specified Industry Groups and Industries: 1958.....	7-58
1E Consumption of Selected Metal Scrap by Selected Industry Groups and Industries: 1958.....	7-60
2A Consumption of Steel Mill Shapes and Forms by Divisions and States: 1958.....	7-62
2B Consumption of Selected Nonferrous Mill Shapes and Forms by Divisions and States: 1958.....	7-64
2C Consumption of Selected Castings and Forgings, by Divisions and States: 1958.....	7-65
2D Consumption of Selected Nonferrous Refinery Shapes by Divisions and States: 1958.....	7-66
2E Consumption of Selected Metal Scrap, by Divisions and States: 1958.....	7-67
ENGINES, MOTORS, BEARINGS, ELECTRON TUBES, AND SEMICONDUCTORS.....	7-68
Tables	
1A Number and Cost of Internal Combustion Engines Consumed by Selected Industries: 1958.....	7-69
1B Cost of Ball and Roller Bearings (359311) Consumed, for Selected Industries: 1958.....	7-69
1C Number and Cost of Electric Motors and Generators Consumed, by Specified Industries: 1958	7-70
1D Number and Cost of Electron Tubes (Except X-Ray) and Solid State Semiconductors Consumed, by Specified Industries: 1958.....	7-71
2A Number and Cost of Internal Combustion Engines Consumed by Divisions and States: 1958.....	7-71
2B Cost of Ball and Roller Bearings (359311) Consumed by Divisions and States: 1958 and 1954....	7-72
2C Number and Cost of Electric Motors and Generators Received from Other Establishments, by Divisions and States: 1958.....	7-73
INDEX.....	7-74
APPENDIX - Detailed Materials Consumed and Total Cost of Materials, Parts, Supplies and Containers, by Industry: 1958.....	7-82

Foods

This section presents data on selected important materials used primarily in the food manufacturing industries. Characteristically, many of these materials are used for similar purposes both in manufacturing and nonmanufacturing establishments. For example, flour is consumed in bakeries which are classified in manufacturing and also in retail bakery products stores which are not classified in manufacturing. In addition, substantial quantities of many of these materials are consumed directly by households. The discussion and tables that follow relate only to industrial consumption; that is consumption in the manufacturing sector as defined by the Standard Industrial Classification Manual.

Livestock Slaughtered

Data shown in tables 2A and 2B represent the livestock slaughtered in Industry 2011, Meat Packing Plants.

The 1958 Census of Manufactures included establishments accounting for about 91 percent of the volume of commercial livestock slaughter as pounds, reported by the U.S. Department of Agriculture, compared with 90 percent for 1954. The Department of Agriculture estimates cover all commercial slaughter whether performed in establishments classified in manufacturing or in trade. All of the livestock slaughter in manufacturing industries is performed by establishments classified in Industry 2011, Meat Packing Plants.

Nonmanufacturing livestock slaughter is performed principally in establishments primarily classified in wholesale and retail trades and services but no data were collected on such operations in the 1958 and 1954 Economic Censuses.

The statistics cover the fiscal year ending October 31 rather than the calendar year, since companies accounting for the larger part of the slaughter reported on the fiscal year basis. A comparison with the Department of Agriculture estimates indicated that the difference between calendar and fiscal year data is relatively small, except for calf slaughter, in which the fiscal year slaughter exceeded calendar year by about 4 percent.

A more detailed discussion of the differences between Department of Agriculture and Census data appear in the 1958 Census of Manufactures, Volume II, Industry Statistics, Page 20A-1 and in the footnote to table 7 on Page 20A-18.

Poultry Killed and Dressed

Table 2C contains data on the chickens and turkeys killed in establishments classified in Industry 2015, "Poultry Dressing Plants." A comparison with the Department of Agriculture estimates indicates that establishments included in the Census of Manufactures in 1958 accounted for about 73 percent and in 1954 for about 72 percent by live weight of the total commercial broiler slaughter in commercial plants (including farm slaughter). The 1958 Census of Manufactures data show that establishments classified in the Poultry Dressing Plants Industry slaughtered 96 percent by live weight of the chickens, turkeys, and other fowl killed in manufacturing establishments as compared to about 98 percent in 1954.

Sugar

In addition to the sugar consumed in manufacturing establishments, as shown in tables 1C and 2G, substantial quantities are consumed in households, restaurants, hotels, retail bakeries, and wholesale trade establishments in making various food preparations.

Fish

In addition to the quantity of fish utilized in manufacturing establishments as shown in tables 1E and 2I, some quantity of fish is packaged in wholesale trade establishments which are not included in these tables. The data do not include that portion of the catch sold for consumption as fresh fish.

Dairy Products

The data shown in tables 1D and 2J represent only the quantity purchased (or transferred from one establishment to another). There is also a substantial production of skim milk produced and consumed in the same plant which is not reflected in these tables.

MANUFACTURES—SUMMARY STATISTICS

Table 1A.—Selected Grains Consumed by Specified Industries: 1958 and 1954

Code	Industry	1958		1954		1958		1954	
		Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)
		Wheat (011111)				Corn (011115)			
	Total.....	592,003	1,248,177	526,890	1,263,669	508,724	682,624	427,698	706,735
2041	Flour and meal.....	563,143	1,192,521	486,045	1,174,829	69,582	90,354	54,320	89,820
2042	Prepared animal feeds.....	21,613	38,841	32,965	70,681	246,246	343,412	205,450	351,283
2043	Cereal preparations.....	7,247	16,815	7,880	18,159	10,854	16,138	14,478	25,204
2045	Blended and prepared flour.....	(¹)	(¹)	xxx	xxx	(¹)	(¹)	xxx	xxx
2046	Wet corn milling.....	xxx	xxx	xxx	xxx	140,948	169,396	126,342	195,323
2082	Malt liquors.....	xxx	xxx	xxx	xxx	12,207	24,058	4,409	6,517
2083	Malt.....	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2085	Distilled liquor except brandy.....	xxx	xxx	(¹)	(¹)	28,887	39,266	22,699	38,588
		Oats (011121)				Barley (011125)			
	Total.....	137,368	107,240	159,603	142,826	120,865	161,650	130,538	198,369
2041	Flour and meal.....	16,776	12,366	11,717	10,328	4,266	4,697	3,156	4,064
2042	Prepared animal feeds.....	97,262	77,694	118,163	106,213	36,437	39,306	36,430	46,381
2043	Cereal preparations.....	23,330	17,180	29,723	26,285	1,314	1,530	1,983	2,845
2045	Blended and prepared flour.....	(¹)	(¹)	xxx	xxx	xxx	xxx	xxx	xxx
2046	Wet corn milling.....	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2082	Malt liquors.....	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2083	Malt.....	xxx	xxx	xxx	xxx	78,848	116,117	88,969	145,079
2085	Distilled liquor except brandy.....	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx

¹A small amount of this material was consumed by this industry, but no detailed data were collected in the Census.

Table 1B.—Wheat Flour and Semolina Durum Flour Consumed by Specified Industries: 1958 and 1954

Code	Industry	Wheat flour, except semolina and durum (204111)				Semolina and durum flour (204115)			
		1958		1954		1958		1954	
		Quantity (cwt)	Delivered cost (\$1,000)	Quantity (cwt)	Delivered cost (\$1,000)	Quantity (cwt)	Delivered cost (\$1,000)	Quantity (cwt)	Delivered cost (\$1,000)
	Total.....	130,101,040	750,469	119,259,058	713,149	8,161,459	52,977	5,283,611	43,097
2037	Frozen fruits and vegetables.....	13,124,659	18,803	(¹)	(¹)	xxx	xxx	xxx	xxx
2041	Flour and meal.....	4,597,622	22,900	2,806,071	15,284	xxx	xxx	xxx	xxx
2042	Prepared animal feeds.....	2,414,816	8,823	1,697,191	8,174	xxx	xxx	xxx	xxx
2043	Cereal preparation.....	1,162,197	5,940	245,056	1,282	xxx	xxx	xxx	xxx
2045	Blended and prepared flour.....	5,177,017	29,278	5,793,149	32,695	xxx	xxx	xxx	xxx
2051	Bread and related products.....	91,754,520	551,161	86,560,770	538,939	xxx	xxx	xxx	xxx
2052	Biscuit and crackers.....	19,626,520	100,398	17,231,610	84,032	xxx	xxx	xxx	xxx
2098	Macaroni and spaghetti.....	907,001	5,389	2,774,923	19,640	8,161,459	52,977	5,283,611	43,097
2099	Food preparations, nec.....	11,336,688	17,777	12,150,288	13,103	xxx	xxx	xxx	xxx

¹1958 and 1954 figures are not comparable because of changes in the Standard Industrial Classification Manual between the years. (See introductory text concerning Industry 2099, page 20I-1 in Volume II, Industry Statistics.)

SELECTED MATERIALS CONSUMED

7-9

Table 1C.—Refined Sugar (Cane and Beet—206011) Consumed by Specified Industries: 1958 and 1954

Code	Industry	1958		1954		Code	Industry	1958		1954	
		Quantity (cwt)	Delivered cost (\$1,000)	Quantity (cwt)	Delivered cost (\$1,000)			Quantity (cwt)	Delivered cost (\$1,000)	Quantity (cwt)	Delivered cost (\$1,000)
	Total.....	88,135,417	791,951	74,056,708	641,826	2042	Prepared animal feeds...	527,417	3,942	245,904	1,838
2021	Creamery butter.....	109,568	909	162,759	1,451	2043	Cereal preparations.....	1,770,464	15,707	677,997	5,819
2022	Natural cheese.....	8,856	86	15,745	142	2045	Blended and prepared flour.....	2,781,684	25,711	2,345,701	20,785
2023	Condensed and evaporated milk.....	1,033,102	9,217	677,818	6,115	2046	Wet corn milling.....	49,581	471	36,346	317
2024	Ice cream and frozen desserts.....	2,809,630	25,046	2,254,461	19,839	2051	Bread and related products.....	13,357,340	121,884	11,464,910	874,191
2025	Special dairy products..	67,219	91	61,651	526	2052	Biscuit and crackers....	5,099,830	46,753	4,127,270	34,559
2026	Fluid milk.....	3,261,936	30,689	2,056,089	17,862	2071	Confectionery products..	12,346,369	112,462	9,784,221	88,352
2032	Canned specialties.....	1,138,381	10,337	(NA)	(NA)	2072	Chocolate and cocoa products.....	4,277,046	37,899	3,605,162	30,850
2033	Canned fruits and vegetables.....	7,850,854	71,015	8,227,461	70,509	2073	Chewing gum.....	1,479,180	12,932	1,063,083	9,243
2035	Pickles and sauces.....	1,568,410	14,101	1,901,292	16,572	2086	Bottled and canned soft drinks.....	11,136,308	100,485	8,837,861	82,643
2037	Frozen fruits and vegetables.....	1,040,870	9,792	1,132,244	10,412	2082	Malt liquors.....	401,769	3,084	286,707	2,242
2041	Flour and meal.....	1,697,627	15,896	1,128,416	9,421	2087	Flavorings.....	9,773,931	83,431	10,182,363	81,693
						2099	Food preparations, nec..	4,548,045	40,011	4,843,606	40,820

NA Not available.

Table 1D.—Dairy Products Consumed by Specified Industries: 1958 and 1954

(The figures below represent purchased materials (or materials transferred from other plants of same company) and exclude materials made and consumed in the same plant)

Code	Industry	1958						1954					
		Cheese 202251 (including cottage cheese curd)		Ice cream and ice milk mix and 202331		Skim milk (fluid) 202751		Cheese 202251 (including cottage cheese curd)		Ice cream and ice milk mix and 202331		Skim milk (fluid) 202751	
		Quantity (cwt)	De- livered cost (\$1,000)	Quantity (1,000 gallons)	De- livered cost (\$1,000)	Quantity (cwt)	De- livered cost (\$1,000)	Quantity (cwt)	De- livered cost (\$1,000)	Quantity (1,000 gallons)	De- livered cost (\$1,000)	Quantity (cwt)	De- livered cost (\$1,000)
	Total.....	7,102,733	220,841	108,934	113,424	71,198,182	69,509	5,523,783	175,782	93,939	119,765	53,645,659	50,946
2021	Creamery butter..	62,625	2,272	2,147	1,848	13,719,793	12,281	72,955	2,314	3,028	3,650	7,089,862	6,296
2022	Natural cheese...	2,381,514	88,547	2,309	2,283	3,621,608	3,779	451,968	17,213	...	...	5,526,652	5,423
2023	Condensed and evaporated milk.	...	...	358	412	38,171,720	32,314	...	...	824	1,079	23,455,125	20,539
2024	Ice cream and frozen desserts.	7,813	591	57,700	62,701	1,878,740	1,892	15,219	244	54,149	66,227	5,030,086	5,044
2025	Special dairy products.....	3,031,578	102,654	77	23	86,415	173	4,127,062	143,984	373	475	3,197,115	3,180
2026	Fluid milk.....	1,619,203	26,777	46,343	46,157	13,719,906	19,070	856,579	12,027	35,565	48,334	9,346,819	10,464

Table 1E.—Finfish, Round (091211), Consumed by Specified Industries: 1958 and 1954

Code	Industry	1958		1954	
		Quantity (tons)	Delivered cost (\$1,000)	Quantity (tons)	Delivered cost (\$1,000)
	Total.....	xxx	183,253	443,008	153,841
2031	Canned and cured seafood.....	xxx	115,217	340,876	114,538
2036	Fresh or frozen packaged fish.....	xxx	68,036	102,132	39,303

MANUFACTURES—SUMMARY STATISTICS

Table 2A.—Number of Animals Slaughtered in Establishments Classified in Industry 2011, Meat Packing Plants, by Divisions and States: 1958 and 1954

Division and State	Cattle (011511)		Calves (011515)		Sheep and lamb (011521)		Hogs (011525)	
	1958	1954	1958	1954	1958	1954	1958	1954
United States, total.....	¹ 21,275,002	21,607,392	6,681,720	9,253,696	13,552,320	15,350,381	² 63,797,465	57,040,617
New England.....	251,261	213,301	172,152	188,413	(D)	317,917	597,221	776,233
Maine.....	8,982	(D)	(D)	(D)	(D)	...	(D)	5,917
New Hampshire.....	(D)	25,000	(D)	(D)	...	...	(D)	...
Vermont.....	(D)	(D)	(D)	(D)	...	(D)	(D)	(D)
Massachusetts.....	84,069	86,788	119,345	146,893	(D)	(D)	(D)	402,533
Rhode Island.....	(D)	13,293	(D)	5,818	...	(D)	(D)	(D)
Connecticut.....	(D)	73,120	(D)	23,088	...	(D)	(D)	(D)
Middle Atlantic.....	1,337,152	1,393,226	809,971	1,096,833	2,018,310	2,444,378	5,386,076	4,521,549
New York.....	388,654	450,280	229,385	436,708	638,805	1,270,285	1,551,239	1,136,818
New Jersey.....	302,149	303,966	226,639	204,964	1,105,734	1,031,313	1,643,213	1,435,960
Pennsylvania.....	646,349	638,980	353,947	455,161	273,771	142,780	2,191,624	1,948,771
East North Central.....	4,871,786	4,943,029	2,256,709	2,913,012	1,576,157	1,786,420	14,656,400	15,201,452
Ohio.....	1,108,290	968,860	144,042	180,320	(D)	220,445	3,711,871	3,180,451
Indiana.....	568,291	616,733	133,578	212,102	(D)	131,728	2,749,107	2,893,739
Illinois.....	1,744,238	2,081,532	372,133	798,365	459,858	860,596	5,340,240	5,813,894
Michigan.....	604,948	557,781	427,528	425,816	549,521	380,147	854,448	721,528
Wisconsin.....	846,019	718,123	1,179,428	1,296,409	211,264	193,504	2,000,734	2,591,840
West North Central.....	7,338,689	7,377,754	1,102,204	1,848,599	4,477,496	5,811,173	27,887,314	24,464,907
Minnesota.....	1,285,786	1,344,790	365,725	566,209	788,578	921,158	4,249,729	5,041,261
Iowa.....	1,996,991	1,834,056	488,281	518,720	1,199,583	1,704,427	12,072,686	9,677,858
Missouri.....	1,012,779	977,825	105,869	324,163	422,264	707,588	3,350,336	2,991,945
North Dakota.....	85,818	(D)	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota.....	347,984	(D)	(D)	(D)	598,523	(D)	1,899,107	1,994,897
Nebraska.....	1,778,460	1,720,760	26,218	72,978	940,203	1,218,993	3,845,350	2,646,295
Kansas.....	830,871	1,107,949	100,573	337,375	(D)	599,099	(D)	(D)
South Atlantic.....	1,115,825	1,167,727	551,265	766,828	(D)	115,030	5,373,192	4,142,939
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	148,604	194,000	56,338	106,473	45,996	74,030	870,904	804,066
District of Columbia.....	(D)	(D)	(D)	(D)	...	(D)	(D)	(D)
Virginia.....	131,963	114,356	234,471	227,695	2,127	12,994	1,646,436	1,104,988
West Virginia.....	47,100	24,631	6,211	5,573	(D)	(D)	120,443	59,033
North Carolina.....	102,214	76,400	8,610	21,705	(D)	(D)	661,905	473,932
South Carolina.....	101,800	59,085	27,582	14,515	(D)	(D)	412,366	268,342
Georgia.....	284,458	410,431	108,447	183,488	(D)	604	1,149,813	1,149,378
Florida.....	291,441	283,696	109,317	99,712	(D)	(D)	505,650	272,439
East South Central.....	1,050,690	974,088	574,738	599,023	266,626	242,491	3,667,276	2,443,228
Kentucky.....	205,458	203,551	13,960	34,946	(D)	(D)	1,161,506	762,811
Tennessee.....	463,481	439,011	290,730	415,362	(D)	59,813	1,625,239	1,095,847
Alabama.....	201,523	210,806	77,827	111,761	(D)	(D)	606,165	458,015
Mississippi.....	180,228	120,720	192,221	36,954	(D)	(D)	274,366	126,555
West South Central.....	1,520,219	1,722,016	783,538	1,264,582	917,807	1,006,229	2,409,318	2,012,518
Arkansas.....	101,588	53,338	24,155	13,176	(D)	(D)	194,378	119,083
Louisiana.....	189,957	91,646	50,150	145,464	(D)	(D)	69,185	46,366
Oklahoma.....	234,310	343,273	73,004	213,352	(D)	(D)	565,044	618,225
Texas.....	994,364	1,233,759	636,229	892,590	(D)	(D)	1,580,711	1,288,844
Mountain.....	1,363,512	1,175,318	48,174	81,774	1,493,061	1,104,855	1,334,418	1,147,244
Montana.....	54,664	35,685	1,261	2,923	(D)	(D)	176,385	141,409
Idaho.....	140,460	63,660	11,792	5,649	41,094	5,605	83,547	93,542
Wyoming.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Colorado.....	802,327	757,067	9,574	36,793	1,167,401	726,029	513,018	532,882
New Mexico.....	53,781	47,566	(D)	(D)	(D)	17,126	70,954	71,911
Arizona.....	120,112	84,687	11,129	13,771	(D)	(D)	(D)	82,665
Utah.....	152,381	157,005	9,202	13,992	(D)	329,449	323,830	215,305
Nevada.....	(D)	(D)	(D)	3,425	(D)	(D)	4,353	(D)
Pacific.....	2,425,868	2,640,933	382,969	494,632	2,416,546	2,521,888	2,486,248	2,330,547
Washington.....	305,666	305,606	11,195	40,041	174,892	141,513	524,792	429,179
Oregon.....	197,998	203,992	18,949	41,493	197,039	242,056	264,938	186,780
California.....	1,922,204	2,131,335	352,825	413,098	2,044,615	2,138,319	1,696,518	1,714,588

D Withheld to avoid disclosing figures for individual companies.

¹Includes 862,686 head of cattle reported by small slaughtering plants which did not report comparable cost or live weight detail. (See table 2B).²Includes 514,453 head of hogs reported by small slaughtering plants which did not report comparable cost or live weight detail. (See table 2B).

SELECTED MATERIALS CONSUMED

7-11

Table 2B.—Weight and Cost of Animals Slaughtered in Establishments Classified in Industry 2011,
Meat Packing Plants, by Divisions and States: 1958 and 1954

Division and State	Cattle (011511 and 011513)				Calves (011515 and 011517)			
	1958		1954		1958		1954	
	Live weight (1,000 lbs.)	Delivered cost (\$1,000)	Live weight (1,000 lbs.)	Delivered cost (\$1,000)	Live weight (1,000 lbs.)	Delivered cost (\$1,000)	Live weight (1,000 lbs.)	Delivered cost (\$1,000)
United States, total....	20,093,659	4,531,417	20,713,315	3,436,874	1,491,301	367,367	2,117,103	349,379
New England.....	168,138	32,222	207,892	29,666	21,015	4,009	25,475	3,501
Maine.....	4,463	846	(D)	(D)	(D)	(D)	(D)	(D)
New Hampshire.....	(D)	(D)	23,750	4,791	(D)	(D)	(D)	(D)
Vermont.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts.....	59,826	12,706	84,218	12,747	13,842	2,933	18,230	2,582
Rhode Island.....	(D)	(D)	12,973	1,671	(D)	(D)	754	102
Connecticut.....	(D)	(D)	74,797	9,228	(D)	(D)	2,592	374
Middle Atlantic.....	1,281,782	304,564	1,406,822	287,240	146,812	41,415	203,064	39,304
New York.....	269,314	56,449	489,871	102,237	48,335	13,405	91,632	17,302
New Jersey.....	371,184	107,179	336,298	74,096	53,314	16,052	47,836	10,256
Pennsylvania.....	641,284	140,936	580,653	110,907	45,163	11,958	63,596	11,746
East North Central.....	4,697,097	1,057,039	4,731,272	810,715	336,348	88,415	491,177	83,792
Ohio.....	968,866	225,046	905,591	160,288	23,538	6,269	31,265	6,340
Indiana.....	116,747	532,438	554,526	92,497	28,788	7,483	49,303	8,783
Illinois.....	1,785,060	429,514	2,018,540	380,062	70,305	21,258	167,704	27,105
Michigan.....	524,222	117,869	521,717	80,972	69,693	19,094	80,345	13,355
Wisconsin.....	886,511	166,502	730,898	96,896	144,024	34,311	162,560	28,209
West North Central.....	7,466,644	1,705,046	7,144,250	1,241,047	219,262	51,799	419,851	66,580
Minnesota.....	1,344,179	283,184	1,361,465	210,083	63,270	14,060	97,714	15,970
Iowa.....	2,108,091	505,769	1,808,517	335,890	76,234	19,809	90,700	15,381
Missouri.....	968,664	221,959	882,743	154,784	27,929	6,637	82,874	13,016
North Dakota.....	92,058	18,126	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota.....	335,324	74,590	(D)	(D)	(D)	(D)	(D)	(D)
Nebraska.....	1,807,463	426,916	1,669,859	309,684	12,231	2,349	25,647	3,806
Kansas.....	810,865	174,502	1,033,843	168,168	35,839	8,189	113,794	17,274
South Atlantic.....	865,109	178,003	896,755	124,552	154,877	35,106	183,974	28,624
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	151,434	35,206	191,937	34,095	11,333	3,015	16,629	3,145
District of Columbia.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Virginia.....	26,158	124,675	101,452	14,933	53,555	14,688	49,434	9,417
West Virginia.....	38,083	7,450	20,854	2,924	2,119	686	1,128	222
North Carolina.....	71,362	14,212	60,495	7,625	1,609	391	4,171	679
South Carolina.....	67,506	12,809	40,596	4,777	6,011	1,516	3,369	381
Georgia.....	208,009	38,984	270,277	30,861	38,815	7,732	57,506	7,641
Florida.....	195,853	41,777	206,456	28,831	33,379	7,069	28,219	3,241
East South Central.....	851,007	165,951	749,804	103,757	158,010	36,028	148,831	22,885
Kentucky.....	172,482	34,833	176,537	26,103	2,613	761	8,349	1,561
Tennessee.....	388,078	76,594	345,242	47,164	62,743	14,667	82,408	12,558
Alabama.....	148,388	28,485	146,416	18,098	34,249	7,670	41,703	6,218
Mississippi.....	142,059	26,039	81,609	12,392	58,405	12,930	16,371	2,548
West South Central.....	1,086,295	219,934	1,409,486	177,482	347,906	85,833	483,352	78,331
Arkansas.....	63,144	11,120	55,892	4,264	8,913	1,902	6,101	1,005
Louisiana.....	77,616	11,773	65,223	5,997	19,868	4,725	6,541	4,507
Oklahoma.....	178,270	38,640	290,121	40,314	34,154	7,839	93,835	14,676
Texas.....	767,265	158,401	998,250	126,907	284,971	71,367	376,875	58,143
Mountain.....	1,333,394	315,813	1,088,214	205,161	19,585	4,587	27,147	4,743
Montana.....	45,271	9,319	32,683	4,956	544	131	952	165
Idaho.....	125,056	28,273	59,803	9,466	3,541	837	1,638	299
Wyoming.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Colorado.....	838,619	206,943	727,817	146,961	3,843	790	11,768	1,984
New Mexico.....	44,568	10,150	30,050	4,716	(D)	(D)	(D)	(D)
Arizona.....	101,258	21,234	72,445	12,156	5,005	1,155	6,050	1,089
Utah.....	142,589	31,943	140,753	22,930	4,702	1,182	3,854	682
Nevada.....	(D)	(D)	(D)	(D)	(D)	(D)	1,228	223
Pacific.....	2,344,193	552,845	3,078,820	457,254	87,486	20,175	134,232	21,619
Washington.....	297,515	73,522	281,854	51,219	3,318	676	12,165	2,267
Oregon.....	179,155	39,729	194,297	31,672	9,875	1,106	13,242	2,083
California.....	1,867,523	439,594	2,602,669	374,363	74,293	18,393	108,825	17,269

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2B.—Weight and Cost of Animals Slaughtered in Establishments Classified in Industry 2011,
Meat Packing Plants, by Divisions and States: 1958 and 1954—Continued

Division and State	Sheep and lamb (011521 and 011523)				Hogs (011525 and 011527)			
	1958		1954		1958		1954	
	Live weight	Delivered cost	Live weight	Delivered cost	Live weight	Delivered cost	Live weight	Delivered cost
	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)
United States, total.....	1,348,326	285,392	1,487,799	282,253	15,599,467	3,128,598	14,001,593	3,130,533
New England.....	(D)	(D)	28,377	5,424	142,074	29,387	189,767	45,089
Maine.....	(D)	(D)	...	...	(D)	(D)	1,386	320
New Hampshire.....	...	...	...	...	(D)	(D)	...	...
Vermont.....	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts.....	(D)	(D)	(D)	(D)	(D)	(D)	99,647	23,340
Rhode Island.....	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Connecticut.....	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Middle Atlantic.....	189,942	45,666	226,706	50,998	1,136,130	242,912	985,716	228,598
New York.....	59,002	13,410	115,188	26,089	334,915	73,027	247,533	56,575
New Jersey.....	103,908	26,285	97,069	21,684	324,882	68,131	303,951	71,966
Pennsylvania.....	27,032	5,971	14,449	3,225	476,333	101,754	434,232	100,057
East North Central.....	154,260	30,997	170,713	32,012	3,972,820	800,303	3,682,707	820,899
Ohio.....	(D)	(D)	19,158	3,934	823,022	171,190	717,237	165,268
Indiana.....	(D)	(D)	12,319	2,279	937,995	196,730	699,977	156,443
Illinois.....	45,983	8,226	83,929	15,511	1,368,534	264,178	1,470,524	318,329
Michigan.....	54,104	11,743	37,094	6,875	188,497	38,776	161,563	37,503
Wisconsin.....	20,990	4,393	18,213	3,413	654,772	129,429	633,406	143,356
West North Central.....	458,134	93,935	537,985	108,833	7,025,419	1,365,387	6,378,253	1,413,860
Minnesota.....	78,774	16,350	89,212	17,147	1,266,923	245,156	1,248,920	276,109
Iowa.....	119,223	25,429	165,681	31,698	2,934,190	567,716	2,702,985	594,418
Missouri.....	41,025	8,558	68,445	13,390	788,733	157,777	715,315	164,183
North Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota.....	61,611	13,118	(D)	(D)	487,308	91,508	514,382	112,050
Nebraska.....	104,415	20,011	122,039	23,925	957,146	186,740	682,157	151,058
Kansas.....	(D)	(D)	52,406	10,368	(D)	(D)	(D)	(D)
South Atlantic.....	(D)	(D)	9,969	2,112	1,083,507	221,041	858,897	196,723
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	4,129	899	6,228	1,275	187,880	40,080	172,674	41,699
District of Columbia.....	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Virginia.....	189	30	1,282	263	342,159	71,316	239,422	55,045
West Virginia.....	(D)	(D)	(D)	(D)	25,180	5,273	12,848	2,849
North Carolina.....	(D)	(D)	(D)	(D)	130,269	27,092	91,481	21,437
South Carolina.....	(D)	(D)	(D)	(D)	71,641	15,611	55,779	12,352
Georgia.....	(D)	(D)	53	9	230,509	45,398	229,848	51,338
Florida.....	(D)	(D)	(D)	(D)	95,001	16,081	56,411	11,922
East South Central.....	23,375	4,254	20,371	3,758	824,498	166,759	546,299	125,438
Kentucky.....	(D)	(D)	(D)	(D)	266,763	54,957	172,062	40,137
Tennessee.....	(D)	(D)	4,751	833	358,109	72,470	247,826	56,930
Alabama.....	(D)	(D)	(D)	(D)	125,845	24,606	99,029	(D)
Mississippi.....	(D)	(D)	(D)	(D)	73,781	14,726	27,382	6,314
West South Central.....	81,748	16,493	100,219	11,262	551,040	113,285	483,607	106,780
Arkansas.....	(D)	(D)	(D)	(D)	32,968	6,771	40,592	6,072
Louisiana.....	(D)	(D)	(D)	(D)	16,966	3,301	9,868	2,088
Oklahoma.....	(D)	(D)	(D)	(D)	143,944	28,827	147,698	34,252
Texas.....	(D)	(D)	(D)	(D)	357,162	74,386	285,449	64,368
Mountain.....	151,882	32,881	112,125	19,540	297,435	61,069	268,373	63,207
Montana.....	(D)	(D)	(D)	(D)	39,053	8,218	31,414	7,427
Idaho.....	2,027	376	576	88	16,761	3,307	20,733	4,745
Wyoming.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Colorado.....	119,874	26,445	73,608	13,124	118,271	24,023	129,531	30,664
New Mexico.....	(D)	(D)	1,823	157	15,078	2,840	16,544	2,329
Arizona.....	(D)	(D)	(D)	(D)	(D)	(D)	18,622	4,543
Utah.....	(D)	(D)	32,711	5,724	71,676	14,670	49,694	13,012
Nevada.....	(D)	(D)	(D)	(D)	1,056	210	(D)	(D)
Pacific.....	255,114	54,108	281,334	48,314	566,544	128,455	607,974	129,939
Washington.....	26,614	5,669	14,548	2,486	113,578	24,603	96,474	22,882
Oregon.....	19,145	3,890	23,165	4,297	56,127	12,103	40,601	10,303
California.....	209,355	44,549	243,621	41,531	396,839	91,749	470,899	96,754

D Withheld to avoid disclosing figures for individual companies.

SELECTED MATERIALS CONSUMED

7-13

Table 2C.—Weight and Cost of Poultry Killed in Establishments Classified in Industry 2015,
Poultry Dressing Plants, by Divisions and States: 1958 and 1954

Division and State	Chickens and fowl (011531-011533)				Turkeys (011535)			
	1958		1954		1958		1954	
	Live weight (1,000 lbs.)	Delivered cost (\$1,000)	Live weight (1,000 lbs.)	Delivered cost (\$1,000)	Live weight (1,000 lbs.)	Delivered cost (\$1,000)	Live weight (1,000 lbs.)	Delivered cost (\$1,000)
United States, total.....	4,544,030	825,670	2,800,672	664,629	802,968	188,465	¹ 501,822	¹ 148,468
New England.....	362,094	73,459	230,111	53,273	1,416	316	5,002	1,453
Maine.....	206,763	42,953	109,812	24,840	...	...	4,010	1,201
Massachusetts.....	40,099	8,081	49,400	11,823	(D)	(D)	664	140
Connecticut.....	67,638	13,151	48,315	10,868	(D)	(D)	(D)	(D)
Middle Atlantic.....	296,920	58,741	222,652	54,710	16,563	4,357	15,500	5,189
New York.....	50,099	9,194	54,793	14,493	(D)	(D)	3,836	1,257
New Jersey.....	18,359	3,418	27,858	5,444	(D)	(D)	720	324
Pennsylvania.....	228,462	46,129	140,001	34,772	14,036	3,650	10,944	3,608
East North Central.....	286,907	55,101	240,314	59,000	69,848	16,051	49,500	14,945
Ohio.....	79,491	15,777	77,561	18,578	19,659	4,553	16,773	5,107
Indiana.....	87,852	16,347	61,692	15,344	31,041	7,239	6,981	2,425
Illinois.....	54,618	10,316	59,876	13,647	(D)	(D)	4,628	1,649
Michigan.....	16,471	2,854	24,531	6,985	5,173	1,103	9,477	2,598
Wisconsin.....	48,475	9,807	16,654	4,445	(D)	(D)	11,641	3,165
West North Central.....	279,435	46,360	248,087	51,345	297,687	70,906	118,961	34,449
Minnesota.....	43,197	7,164	52,043	9,553	142,252	33,272	41,338	11,847
Iowa.....	28,700	4,896	62,968	12,806	66,508	16,663	41,664	12,832
Missouri.....	141,364	22,986	75,856	17,468	44,941	10,483	6,218	1,813
Nebraska.....	40,008	6,291	44,466	8,895	17,833	4,129	(D)	(D)
Kansas.....	19,405	3,749	8,929	1,989	18,533	4,574	7,504	2,313
South Atlantic.....	1,757,696	319,016	1,062,897	252,430	99,324	24,850	97,767	28,601
Delaware.....	198,781	39,179	172,649	41,716	4,375	1,084	4,902	1,614
Maryland.....	218,239	40,955	167,779	41,890	(D)	(D)	(D)	(D)
Virginia.....	144,571	27,849	119,176	28,329	59,202	15,117	48,558	14,521
West Virginia.....	23,085	4,149	23,468	5,466	(D)	(D)	(D)	(D)
North Carolina.....	345,641	67,476	132,878	31,963	22,305	5,343	25,909	6,518
South Carolina.....	31,076	5,564	10,159	1,746	(D)	(D)	6,517	2,125
Georgia.....	759,724	127,200	419,000	97,336	(D)	(D)	2,367	769
Florida.....	36,579	6,644	17,788	3,982	(D)	(D)	(D)	(D)
East South Central.....	675,215	114,429	272,549	64,922	6,342	1,349	2,978	943
Kentucky.....	(D)	(D)	8,230	2,061	(D)	(D)	(D)	(D)
Tennessee.....	(D)	(D)	40,543	10,433	(D)	(D)	(D)	(D)
Alabama.....	330,615	57,181	124,745	28,767	(D)	(D)	1,039	321
Mississippi.....	245,918	42,437	99,031	23,661	(D)	(D)	353	120
West South Central.....	663,713	117,540	352,658	85,249	75,969	18,183	43,839	12,175
Arkansas.....	296,229	49,726	133,713	30,948	(D)	(D)	14,979	3,651
Louisiana.....	34,624	5,900	10,084	2,428	...	...	(D)	(D)
Oklahoma.....	52,978	9,368	27,095	6,614	(D)	(D)	(D)	(D)
Texas.....	279,882	52,546	181,766	45,258	34,752	8,489	20,527	6,033
Mountain.....	14,205	2,593	8,919	2,214	31,280	7,933	6,901	2,439
Utah.....	8,126	1,389	(D)	(D)	(D)	(D)	(D)	(D)
Pacific.....	207,845	38,431	162,485	41,483	204,537	44,520	161,374	48,274
Washington.....	53,998	9,122	25,911	6,062	7,342	2,146	10,858	3,343
Oregon.....	34,019	5,956	23,782	5,796	16,931	3,684	18,310	6,861
California.....	119,828	23,353	112,792	29,625	180,264	38,690	132,206	38,070

D Withheld to avoid disclosing figures for individual companies.

¹The following materials were used by plants classified in Industry 2099 in 1954 which are probably included in Industry 2015 in 1958: Young chickens (code 011531) 38,372 thousand lbs. valued at \$8,742 thousand. Hens (code 011533) 13,410 thousand lbs. valued at \$2,597 thousand. Turkeys (code 011535) 14,192 thousand lbs. valued at \$3,857 thousand.

MANUFACTURES—SUMMARY STATISTICS

Table 2D.—Selected Grains Consumed by Divisions and States: 1958 and 1954

Division and State	Wheat (011111)				Corn (011115)			
	1958		1954		1958		1954	
	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)
United States, total.....	592,003	1,248,177	526,890	1,263,669	508,724	682,624	427,698	706,735
New England.....	704	1,369	1,289	2,711	18,564	29,388	17,391	28,523
Maine.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Hampshire.....	(D)	(D)	(D)	(D)	1,719	2,655	(D)	(D)
Vermont.....	336	674	757	1,576	10,608	17,118	11,351	18,513
Massachusetts.....	149	295	337	778	5,483	8,245	4,266	7,021
Rhode Island.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Connecticut.....	(D)	(D)	(D)	(D)	217	330	264	464
Middle Atlantic.....	77,786	183,617	76,043	192,541	47,468	71,199	41,134	73,910
New York.....	69,760	168,532	69,648	178,335	24,568	36,878	24,852	44,944
New Jersey.....	1,791	2,967	1,757	4,154	7,857	12,435	4,333	7,602
Pennsylvania.....	6,235	12,118	4,638	10,052	15,043	21,886	11,949	21,364
East North Central.....	97,868	205,614	84,903	191,465	177,873	218,202	155,191	244,095
Ohio.....	24,831	52,221	22,473	45,930	20,525	28,376	21,460	36,157
Indiana.....	(D)	(D)	(D)	(D)	35,010	44,876	25,376	40,007
Illinois.....	38,068	79,364	34,536	81,784	102,889	121,315	93,090	142,849
Michigan.....	20,224	42,711	15,749	34,456	7,343	10,375	7,322	12,360
Wisconsin.....	(D)	(D)	(D)	(D)	12,106	13,260	7,943	12,722
West North Central.....	225,981	474,999	196,972	487,734	98,391	119,200	83,876	131,737
Minnesota.....	56,387	131,068	59,892	159,677	5,986	7,017	4,491	6,562
Iowa.....	13,105	27,550	...	...	51,926	63,182	37,043	59,482
Missouri.....	50,542	104,058	42,454	102,093	32,698	40,277	30,833	48,172
North Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nebraska.....	17,888	35,065	14,896	34,924	3,508	4,123	7,446	11,356
Kansas.....	82,113	164,417	66,160	156,942	3,611	3,875	3,818	5,837
South Atlantic.....	16,365	31,938	17,032	37,412	72,977	110,349	44,859	79,625
Delaware.....	(D)	(D)	(D)	(D)	8,895	12,712	7,923	14,060
Maryland.....	2,519	5,155	2,773	6,508	7,651	11,666	6,542	11,433
District of Columbia.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Virginia.....	3,771	6,509	3,528	7,529	8,701	13,206	6,125	10,701
West Virginia.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina.....	5,431	11,263	5,958	13,058	17,902	26,305	9,729	17,273
South Carolina.....	1,029	2,107	(D)	(D)	2,086	3,031	2,022	3,702
Georgia.....	2,473	5,041	2,368	2,252	23,265	36,872	9,351	16,916
Florida.....	81	163	218	474	3,588	5,271	2,088	3,695
East South Central.....	20,714	46,824	19,605	43,699	48,778	69,196	44,169	74,536
Kentucky.....	(D)	(D)	(D)	(D)	22,016	30,525	18,521	30,914
Tennessee.....	10,501	24,720	11,383	25,308	12,526	17,974	11,572	19,210
Alabama.....	(D)	(D)	(D)	(D)	9,996	14,829	11,677	19,677
Mississippi.....	(D)	(D)	(D)	(D)	4,240	5,868	2,849	4,735
West South Central.....	55,959	116,133	45,216	108,118	25,385	34,756	21,366	36,814
Arkansas.....	(D)	(D)	(D)	(D)	7,852	9,896	4,407	7,252
Louisiana.....	(D)	(D)	(D)	(D)	3,564	4,877	2,970	5,097
Oklahoma.....	21,664	42,818	21,257	47,535	2,736	3,485	3,137	5,278
Texas.....	34,155	73,123	23,569	59,764	11,233	16,498	10,852	19,187
Mountain.....	38,548	64,930	33,275	71,063	3,851	5,706	1,531	2,774
Montana.....	5,683	12,358	7,557	16,376	161	269	187	346
Idaho.....	(D)	(D)	3,901	7,881	96	155	321	591
Wyoming.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Colorado.....	(D)	(D)	(D)	(D)	1,654	1,986	393	646
New Mexico.....	543	882	376	828	(D)	(D)	(D)	(D)
Arizona.....	(D)	(D)	459	1,074	383	633	307	612
Utah.....	12,079	23,823	10,961	23,238	1,475	2,540	199	356
Nevada.....	...	...	(D)	(D)	...	...	(D)	(D)
Pacific.....	58,078	122,753	52,555	128,926	15,437	24,628	17,731	34,721
Washington.....	22,268	50,299	22,479	55,929	2,430	3,721	4,486	8,759
Oregon.....	22,229	41,146	15,548	36,531	2,216	4,078	1,962	3,819
California.....	13,581	31,308	14,528	36,466	10,791	16,829	11,283	22,143

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-15

Table 2D.—Selected Grains Consumed by Divisions and States: 1958 and 1954—Continued

Division and State	Oats (011121)				Barley (011125)			
	1958		1954		1958		1954	
	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)	Quantity (1,000 bushels)	Delivered cost (\$1,000)
United States, total.....	137,368	107,240	159,603	142,816	120,865	161,650	130,538	198,369
New England.....	6,860	6,253	7,719	7,693	778	1,049	939	1,254
Maine.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Hampshire.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Vermont.....	5,302	4,919	4,892	5,048	(D)	(D)	542	729
Massachusetts.....	571	495	1,796	1,706	(D)	(D)	253	340
Rhode Island.....	(D)	(D)	...	...	...	...	...	...
Connecticut.....	(D)	(D)	(D)	(D)	...	...	...	...
Middle Atlantic.....	18,586	15,731	24,671	22,828	10,150	13,646	11,078	17,000
New York.....	12,009	10,469	17,047	15,333	7,449	10,199	9,170	14,212
New Jersey.....	1,382	966	2,033	2,009	1,545	2,174	1,293	1,994
Pennsylvania.....	5,195	4,296	5,591	5,486	1,156	1,273	615	794
East North Central.....	17,595	13,679	24,972	21,482	56,824	81,290	61,295	100,896
Ohio.....	8,546	7,089	13,469	12,093	939	1,264	2,668	3,454
Indiana.....	1,324	1,195	1,340	1,260	(D)	(D)	146	181
Illinois.....	3,919	2,977	5,282	4,508	11,738	16,571	13,325	21,722
Michigan.....	202	137	182	152	(D)	(D)	1,777	2,803
Wisconsin.....	3,604	2,281	4,699	3,469	40,933	58,763	43,379	72,736
West North Central.....	46,991	33,116	47,779	41,721	20,256	28,523	25,425	39,090
Minnesota.....	7,402	4,875	8,051	6,518	14,817	21,911	20,402	31,275
Iowa.....	29,570	21,308	24,049	21,861	(D)	(D)	890	1,194
Missouri.....	8,748	6,091	12,762	10,989	3,963	5,195	3,800	6,209
North Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	...	...
South Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	...	...
Nebraska.....	453	347	(D)	(D)	(D)	(D)	196	246
Kansas.....	583	397	1,476	1,177	204	215	137	166
South Atlantic.....	14,069	12,417	14,493	13,302	1,842	2,099	1,579	1,959
Delaware.....	(D)	(D)	2,768	2,603	252	265	214	264
Maryland.....	1,285	1,277	1,649	1,651	293	327	192	221
District of Columbia.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Virginia.....	1,365	1,175	1,863	1,835	365	405	344	428
West Virginia.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina.....	3,263	2,810	3,189	2,847	512	681	473	619
South Carolina.....	956	785	1,310	1,062	(D)	(D)	(D)	(D)
Georgia.....	3,732	3,338	2,334	1,958	304	278	209	256
Florida.....	2,553	2,331	1,096	1,065	(D)	(D)	(D)	(D)
East South Central.....	7,196	5,933	14,189	12,321	589	624	1,074	1,329
Kentucky.....	840	646	1,120	1,037	(D)	(D)	(D)	(D)
Tennessee.....	2,616	2,043	5,660	5,159	473	491	816	986
Alabama.....	1,861	1,771	5,567	4,502	(D)	(D)	(D)	(D)
Mississippi.....	1,879	1,473	1,842	1,623	(D)	(D)	(D)	(D)
West South Central.....	14,430	10,822	16,758	14,305	2,551	2,508	1,453	1,791
Arkansas.....	2,225	1,642	2,342	1,901	(D)	(D)	(D)	(D)
Louisiana.....	2,019	1,607	2,154	1,964	(D)	(D)	(D)	(D)
Oklahoma.....	2,078	1,435	2,437	2,024	610	547	424	517
Texas.....	8,108	6,138	9,825	8,416	1,332	1,345	891	1,094
Mountain.....	2,014	1,528	1,195	1,119	5,249	5,592	4,121	5,444
Montana.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Idaho.....	(D)	(D)	295	246	424	388	650	914
Wyoming.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Colorado.....	634	553	370	346	870	739	487	625
New Mexico.....	292	144	(D)	(D)	260	300	(D)	(D)
Arizona.....	295	243	251	278	(D)	(D)	2,330	3,181
Utah.....	(D)	(D)	(D)	(D)	1,885	2,262	364	409
Nevada.....	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Pacific.....	9,627	7,761	7,827	8,045	22,626	26,319	23,574	29,606
Washington.....	1,567	1,446	2,221	2,386	3,869	5,253	4,861	6,771
Oregon.....	2,553	2,162	1,515	1,482	3,228	2,787	1,632	2,104
California.....	5,507	4,153	4,091	4,177	15,529	18,279	17,081	20,731

D Withheld to avoid disclosing figures for individual companies.

MANUFACTURES—SUMMARY STATISTICS

Table 2E.—Grain Mill Products Consumed by Divisions and States: 1958 and 1954

Division and State	Wheat flour (except semolina and durum flour) (204111)				Corn meal (204121)				Hominy feed and meal (204131)			
	1958		1954		1958		1954		1958		1954	
	Quantity	De-livered cost	Quantity	De-livered cost	Quantity	De-livered cost	Quantity	De-livered cost	Quantity	De-livered cost	Quantity	De-livered cost
	(1,000 cwt)	(\$1,000)	(1,000 cwt)	(\$1,000)	(cwt)	(\$1,000)	(cwt)	(\$1,000)	(tons)	(\$1,000)	(tons)	(\$1,000)
United States, total.....	130,101	750,469	119,259	713,149	7,427	22,682	12,645	41,374	589,911	28,411	426,033	24,965
New England.....	6,775	43,552	6,684	42,012	(D)	(D)	850	2,950	96,154	5,376	43,825	2,699
Maine.....	707	4,490	706	4,786	...	...	(D)	(D)	(D)	(D)	(D)	(D)
New Hampshire.....	271	1,708	203	1,343	...	...	(D)	(D)	9,016	566	(D)	(D)
Vermont.....	197	1,193	147	928	...	...	(D)	(D)	66,762	3,632	28,676	1,772
Massachusetts.....	3,787	24,484	3,862	23,324	(D)	(D)	(D)	(D)	16,514	976	4,787	299
Rhode Island.....	704	4,526	614	4,065	...	...	(D)	(D)	(D)	(D)	...	...
Connecticut.....	1,106	7,151	1,150	7,566	(D)	(D)	(D)	(D)	1,165	62	(D)	(D)
Middle Atlantic.....	28,107	168,074	27,304	164,842	540	2,138	4,713	15,313	(D)	(D)	117,876	7,059
New York.....	12,972	77,971	14,108	84,450	79	310	3,656	11,604	160,096	7,655	107,334	6,392
New Jersey.....	4,909	29,173	4,043	24,882	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania.....	10,225	60,930	9,153	55,510	(D)	(D)	(D)	(D)	19,393	1,019	(D)	(D)
East North Central.....	32,433	178,760	27,890	162,446	324	1,241	744	2,939	155,156	7,114	139,220	7,844
Ohio.....	8,345	47,231	7,943	46,643	30	95	(D)	(D)	66,599	2,993	58,348	3,448
Indiana.....	3,410	18,796	3,055	19,005	27	85	53	240	7,810	358	(D)	(D)
Illinois.....	13,340	70,365	9,730	53,691	(D)	(D)	640	2,533	76,612	3,596	67,111	3,655
Michigan.....	5,130	30,122	5,293	31,719	(D)	(D)	36	119	(D)	(D)	(D)	(D)
Wisconsin.....	2,208	12,246	1,868	11,388	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West North Central.....	11,448	59,865	11,518	65,959	787	2,131	1,937	5,907	(D)	(D)	43,231	2,255
Minnesota.....	1,406	7,783	1,911	11,325	...	...	(D)	(D)	...	...	(D)	(D)
Iowa.....	1,737	9,547	1,608	9,385	41	96	359	1,158	1,452	52	(D)	(D)
Missouri.....	4,600	23,925	4,328	24,421	(D)	(D)	(D)	(D)	20,412	785	31,350	1,628
North Dakota.....	352	1,890	330	1,952	...	...	...	...	...	...	...	...
South Dakota.....	361	2,116	319	1,799	...	...	(D)	(D)	...	...	...	...
Nebraska.....	1,534	6,983	1,213	7,148	(D)	(D)	84	403	21,805	761	11,320	598
Kansas.....	1,458	7,621	1,807	9,929	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
South Atlantic.....	16,361	97,559	13,807	86,510	3,378	9,813	656	2,139	32,089	1,647	34,595	2,132
Delaware.....	245	1,520	234	1,480	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	2,493	14,720	1,814	11,523	(D)	(D)	(D)	(D)	635	33	(D)	(D)
District of Columbia.....	953	5,749	868	5,531	...	...	...	...	...	...	...	...
Virginia.....	2,115	12,439	1,792	11,261	10	43	(D)	(D)	1,248	63	1,975	125
West Virginia.....	1,211	7,217	1,123	7,291	(D)	(D)	(D)	(D)	...	...	(D)	(D)
North Carolina.....	2,761	16,694	2,261	14,333	(D)	(D)	(D)	(D)	(D)	(D)	4,701	299
South Carolina.....	836	5,011	672	4,465	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Georgia.....	3,659	21,156	3,225	19,161	44	221	(D)	(D)	8,604	429	13,435	845
Florida.....	2,088	13,053	1,816	11,465	148	428	(D)	(D)	5,045	279	2,573	161
East South Central.....	7,398	40,700	6,523	39,757	1,285	3,838	2,169	6,993	46,185	2,113	22,192	1,267
Kentucky.....	1,983	11,122	1,642	9,887	(D)	(D)	61	269	10,553	524	6,770	391
Tennessee.....	2,859	15,088	3,064	18,511	1,196	3,295	(D)	(D)	27,934	1,244	10,807	625
Alabama.....	1,761	10,026	1,153	7,311	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mississippi.....	794	4,464	661	4,048	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West South Central.....	9,896	56,718	9,570	56,154	(D)	(D)	1,237	3,978	16,653	784	11,045	661
Arkansas.....	858	4,740	729	4,301	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana.....	1,613	10,220	1,793	11,114	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	1,040	5,651	1,040	5,890	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Texas.....	6,384	36,107	6,007	34,849	586	1,475	(D)	(D)	12,414	618	9,947	598
Mountain.....	3,619	20,181	3,099	18,127	83	303	211	644	(D)	(D)	...	...
Montana.....	289	1,622	252	1,476	(D)	(D)	...	...	...	...	...	...
Idaho.....	217	1,202	215	1,309	...	...	...	...	(D)	(D)	...	...
Wyoming.....	(D)	(D)	63	363	(D)	(D)	(D)	(D)	...	...	...	...
Colorado.....	1,335	7,038	1,245	6,958	...	...	(D)	(D)	...	...	...	...
New Mexico.....	338	2,059	207	1,278	(D)	(D)	(D)	(D)	...	...	...	...
Arizona.....	694	4,090	473	3,012	(D)	(D)	(D)	(D)	...	...	...	...
Utah.....	632	3,464	579	3,348	(D)	(D)	(D)	(D)	...	...	...	...
Nevada.....	(D)	(D)	60	383	...	...	(D)	(D)	...	...	...	...
Pacific.....	14,064	85,060	12,864	77,342	414	1,676	128	511	6,379	343	14,049	1,048
Washington.....	1,433	8,243	1,556	9,263	...	...	(D)	(D)	(D)	(D)	(D)	(D)
Oregon.....	1,482	8,174	1,523	8,545	...	...	(D)	(D)	(D)	(D)	(D)	(D)
California.....	11,149	68,643	9,784	59,534	414	1,676	113	449	(D)	(D)	(D)	(D)

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-17

Table 2E.—Grain Mill Products Consumed by Divisions and States: 1958 and 1954—Continued

Division and State	Corn gluten feed and meal (204141)				Mill feed and screenings (204151)			
	1958		1954		1958		1954	
	Quantity (tons)	Delivered cost (\$1,000)	Quantity (tons)	Delivered cost (\$1,000)	Quantity (tons)	Delivered cost (\$1,000)	Quantity (tons)	Delivered cost (\$1,000)
United States, total.....	704,256	40,906	696,547	45,805	2,308,219	91,919	2,247,170	106,362
New England.....	51,345	3,404	40,919	3,035	105,816	5,445	97,509	5,265
Maine.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Hampshire.....	4,077	262	(D)	(D)	(D)	(D)	(D)	(D)
Vermont.....	38,609	2,485	31,163	2,323	80,168	4,065	71,493	3,782
Massachusetts.....	5,666	397	6,427	479	13,647	711	13,018	693
Rhode Island.....	(D)	(D)	...	...	(D)	(D)	(D)	(D)
Connecticut.....	668	40	(D)	(D)	(D)	(D)	(D)	(D)
Middle Atlantic.....	(D)	(D)	149,528	10,006	243,800	10,889	226,497	11,684
New York.....	155,227	8,384	116,984	7,761	121,502	5,449	129,475	6,380
New Jersey.....	(D)	(D)	7,560	485	46,490	2,081	23,332	1,184
Pennsylvania.....	29,642	1,706	24,984	1,760	75,808	3,359	73,690	4,120
East North Central.....	123,702	6,330	161,973	10,401	(D)	(D)	454,700	21,074
Ohio.....	54,333	2,837	67,193	4,429	103,111	4,335	147,474	7,378
Indiana.....	12,656	626	24,204	1,631	45,874	1,833	81,895	3,946
Illinois.....	48,200	2,391	60,768	3,686	163,225	6,194	142,362	6,278
Michigan.....	2,300	154	3,608	264	(D)	(D)	12,080	556
Wisconsin.....	6,213	322	6,200	391	52,815	1,746	70,889	2,916
West North Central.....	(D)	(D)	126,630	7,379	745,848	25,189	660,244	28,479
Minnesota.....	6,261	356	10,239	676	166,115	5,384	115,698	4,739
Iowa.....	10,234	548	23,534	1,517	177,014	6,724	143,602	6,763
Missouri.....	55,884	2,619	53,416	3,115	217,291	6,860	245,929	10,646
North Dakota.....	...	...	...	...	(D)	(D)	(D)	(D)
South Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nebraska.....	5,814	331	34,549	1,739	109,957	3,523	65,540	2,669
Kansas.....	1,588	78	(D)	(D)	62,802	2,212	80,903	3,272
South Atlantic.....	124,344	8,585	100,404	7,047	217,374	10,554	151,421	8,652
Delaware.....	25,806	1,858	24,258	1,822	17,176	808	18,809	978
Maryland.....	11,716	767	9,020	623	21,489	1,091	19,367	1,170
District of Columbia.....	(D)	(D)	(D)	(D)	...	...	...	...
Virginia.....	16,954	1,129	14,405	974	37,360	1,782	22,286	1,200
West Virginia.....	...	...	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina.....	22,079	1,691	18,992	1,299	56,006	2,703	35,203	2,022
South Carolina.....	(D)	(D)	3,819	241	12,423	595	(D)	(D)
Georgia.....	29,562	2,105	20,024	1,448	40,398	1,952	30,759	1,894
Florida.....	14,812	815	9,000	586	32,409	1,618	15,725	898
East South Central.....	77,696	4,543	64,523	4,513	168,088	6,592	143,990	7,075
Kentucky.....	13,689	417	12,767	878	25,355	1,132	44,965	2,346
Tennessee.....	33,170	2,129	41,538	2,928	70,981	2,396	55,492	2,647
Alabama.....	20,939	1,357	4,427	320	29,607	1,314	18,214	948
Mississippi.....	9,898	640	5,791	387	42,145	1,750	25,319	1,134
West South Central.....	44,280	2,824	44,349	2,848	172,035	7,256	173,084	8,271
Arkansas.....	4,131	285	6,515	352	15,566	630	18,567	972
Louisiana.....	7,820	542	6,631	482	7,970	396	11,459	584
Oklahoma.....	2,767	165	3,997	246	42,837	1,761	35,379	1,584
Texas.....	29,562	1,832	27,206	1,768	105,662	4,469	107,679	5,131
Mountain.....	1,033	72	2,572	167	57,748	2,185	49,077	2,046
Montana.....	...	...	...	...	(D)	(D)	(D)	(D)
Idaho.....	(D)	(D)	(D)	(D)	(D)	(D)	6,180	285
Wyoming.....	...	...	...	...	(D)	(D)	(D)	(D)
Colorado.....	(D)	(D)	(D)	(D)	(D)	(D)	17,377	738
New Mexico.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Arizona.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Utah.....	(D)	(D)	(D)	(D)	11,705	426	(D)	(D)
Nevada.....	...	...	...	...	...	...	...	...
Pacific.....	7,742	652	5,649	406	233,541	9,726	290,648	13,816
Washington.....	(D)	(D)	(D)	(D)	46,895	1,679	74,529	3,213
Oregon.....	(D)	(D)	(D)	(D)	50,104	1,876	55,396	2,398
California.....	7,157	603	4,131	293	136,542	6,171	160,723	8,205

D Withheld to avoid disclosing figures for individual companies.

MANUFACTURES—SUMMARY STATISTICS

Table 2F.—Feed Materials Consumed by Divisions and States: 1958 and 1954

Division and State	Meat scrap and tankage (201021)				Fish scrap and meal (203211)				Soybean, cake and meal (288311)*	
	1958		1954		1958		1954		1958	
	Quantity	Delivered Cost	Quantity	Delivered Cost	Quantity	Delivered Cost	Quantity	Delivered Cost	Quantity	Delivered Cost
	(tons)	(\$1,000)	(tons)	(\$1,000)	(tons)	(\$1,000)	(tons)	(\$1,000)	(tons)	(\$1,000)
United States, total.....	1,089,776	99,877	1,087,525	101,714	464,199	63,729	346,772	50,699	5,697,820	378,199
New England.....	26,766	2,272	27,627	2,719	20,773	2,722	28,414	3,943	186,910	14,083
New Hampshire.....	2,671	234	(D)	(D)	614	86	(D)	(D)	17,142	1,197
Vermont.....	(D)	(D)	11,994	1,192	8,501	1,233	12,904	1,810	128,216	9,920
Massachusetts.....	6,922	518	11,254	1,103	2,662	364	8,375	1,184	26,743	1,881
Connecticut.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,758	166
Middle Atlantic.....	115,731	10,909	145,094	13,115	32,781	3,694	35,003	5,106	531,732	35,958
New York.....	67,555	6,879	100,340	8,982	17,329	1,774	22,165	3,309	298,618	19,991
New Jersey.....	18,042	1,561	13,424	1,270	4,320	506	3,324	380	69,016	4,655
Pennsylvania.....	30,134	2,469	31,330	2,863	11,132	1,414	9,514	1,417	164,098	11,312
East North Central.....	257,466	25,813	295,969	28,047	83,383	11,989	75,618	11,466	1,409,635	89,907
Ohio.....	34,950	3,494	74,492	6,966	17,823	2,477	22,475	3,520	377,148	24,663
Indiana.....	35,174	3,346	41,531	4,011	18,780	2,622	12,994	1,920	313,325	20,888
Illinois.....	162,229	16,317	157,486	14,916	42,233	5,966	35,498	5,299	621,337	38,445
Michigan.....	2,462	224	4,270	390	(D)	(D)	525	74	16,086	1,089
Wisconsin.....	22,651	2,432	18,190	1,764	(D)	(D)	4,126	653	81,739	4,822
West North Central.....	247,837	24,869	254,853	23,374	73,954	10,890	57,406	8,598	1,482,270	90,945
Minnesota.....	70,915	6,808	49,995	4,501	11,061	1,722	9,687	1,451	246,904	15,230
Iowa.....	82,936	8,874	93,752	8,687	24,230	3,829	15,721	2,418	570,899	34,911
Missouri.....	39,264	3,902	54,478	5,216	23,209	3,076	19,685	2,917	360,964	22,798
North Dakota.....	(D)	(D)	(D)	(D)	...	...	...	...	632	37
South Dakota.....	(D)	(D)	(D)	(D)	408	76	717	107	18,433	1,321
Nebraska.....	23,366	2,287	(D)	(D)	6,179	836	6,510	927	222,588	13,105
Kansas.....	28,484	2,703	34,712	2,775	8,867	1,351	5,086	778	61,850	3,543
South Atlantic.....	214,244	14,676	127,007	11,740	101,229	13,318	46,021	6,465	923,838	66,692
Delaware.....	33,897	1,961	(D)	(D)	20,783	2,802	10,959	1,467	143,657	10,724
Maryland.....	9,806	1,181	10,015	1,006	5,810	737	6,300	863	64,919	4,665
Virginia.....	21,514	1,457	18,339	1,765	10,663	1,489	4,545	649	111,153	8,083
North Carolina.....	31,154	2,664	34,390	3,046	25,498	3,487	12,939	1,844	238,171	17,068
South Carolina.....	3,876	320	4,826	460	2,791	392	1,901	269	(D)	(D)
Georgia.....	35,348	3,307	19,799	1,892	33,517	4,199	8,769	1,285	286,129	20,558
Florida.....	78,649	3,786	29,902	2,676	(D)	(D)	(D)	(D)	49,163	3,377
East South Central.....	72,644	6,490	60,063	5,510	52,631	7,060	26,002	3,875	573,342	36,897
Kentucky.....	5,709	548	7,191	734	3,138	389	5,100	744	86,443	5,339
Tennessee.....	34,904	2,869	31,310	2,896	29,609	3,966	16,221	2,440	275,133	17,508
Alabama.....	21,764	2,076	16,631	1,416	12,411	1,720	(D)	(D)	132,005	9,182
Mississippi.....	10,267	997	4,931	464	7,473	985	(D)	(D)	79,761	4,868
West South Central.....	53,190	4,747	54,740	4,764	33,956	5,117	20,002	2,865	331,291	22,979
Arkansas.....	7,256	715	3,048	274	(D)	(D)	(D)	(D)	58,543	4,310
Louisiana.....	1,987	161	2,197	197	(D)	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	4,242	400	10,770	1,009	1,940	286	1,499	222	(D)	(D)
Texas.....	39,705	3,471	38,725	3,284	18,453	2,554	14,286	2,050	199,434	13,690
Mountain.....	21,229	2,245	11,607	1,178	15,273	1,709	2,615	410	61,805	4,692
Montana.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,362	275
Colorado.....	4,807	502	4,243	409	1,365	213	(D)	(D)	21,507	1,444
New Mexico.....	724	67	(D)	(D)	(D)	(D)	...	...	(D)	(D)
Arizona.....	(D)	(D)	1,747	184	1,425	213	(D)	(D)	(D)	(D)
Utah.....	10,504	1,166	(D)	(D)	11,580	1,140	(D)	(D)	18,851	1,608
Pacific.....	80,669	7,856	110,565	11,267	50,219	7,230	55,691	7,971	196,997	16,046
Washington.....	13,686	1,304	15,760	1,640	(D)	(D)	9,103	1,263	30,852	2,489
Oregon.....	7,166	705	11,270	1,174	(D)	(D)	4,309	695	12,989	1,071
California.....	59,817	5,847	83,535	8,453	35,821	4,865	42,279	6,013	153,156	12,486

*No 1954 data available.

D Withheld to avoid disclosing figures for individual companies.

SELECTED MATERIALS CONSUMED

7-19

Table 2G.—Refined Sugar (Cane-Beet) and Shortening Consumed by Divisions and States: 1958 and 1954

Division and State	Sugar (cane and beet) (206011)				Shortening (209211)			
	1958		1954		1958		1954	
	Quantity pounds	Delivered cost	Quantity pounds	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
	(cwt)	(\$1,000)	(cwt)	(\$1,000)	(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)
United States, total.....	88,135,417	791,951	74,056,708	641,826	446,930	78,693	354,713	76,337
New England.....	3,927,962	35,840	3,572,746	31,317	27,190	4,802	26,090	5,741
Maine.....	269,307	2,540	188,250	1,692	2,756	502	2,264	490
New Hampshire.....	95,708	854	97,991	862	2,182	397	971	213
Vermont.....	147,965	1,345	141,635	1,230	303	53	275	67
Massachusetts.....	2,773,993	25,339	2,556,341	22,335	16,880	2,968	15,788	3,522
Rhode Island.....	190,708	1,627	196,437	1,750	2,760	472	3,035	596
Connecticut.....	450,281	4,135	392,092	3,448	2,309	410	3,757	853
Middle Atlantic.....	22,211,306	198,650	20,648,147	176,447	113,270	19,233	105,667	22,779
New York.....	10,248,422	92,025	9,977,323	83,817	53,843	9,140	53,699	11,511
New Jersey.....	4,643,203	40,648	4,325,090	37,023	24,854	4,030	19,603	4,059
Pennsylvania.....	7,319,681	65,977	6,345,734	55,607	34,573	6,063	32,365	7,209
East North Central.....	24,796,425	222,772	18,509,932	162,683	105,795	18,809	82,474	17,748
Ohio.....	4,962,840	45,612	3,344,234	30,230	31,259	5,541	24,661	5,535
Indiana.....	2,458,531	22,719	1,547,335	13,440	5,446	950	4,618	1,076
Illinois.....	11,797,491	104,091	9,961,820	86,727	43,106	7,750	27,865	5,929
Michigan.....	3,722,646	33,603	2,372,507	20,894	19,607	3,379	19,623	3,984
Wisconsin.....	1,854,917	16,747	1,284,036	11,392	6,377	1,189	5,707	1,224
West North Central.....	5,418,603	48,960	4,592,317	40,567	36,590	6,137	21,612	4,596
Minnesota.....	805,836	7,562	639,430	5,851	4,150	743	3,392	796
Iowa.....	1,059,006	9,462	721,128	6,338	6,906	985	2,091	473
Missouri.....	2,104,730	18,784	1,866,495	16,220	16,474	2,866	8,880	1,852
North Dakota.....	86,685	812	58,518	547	1,017	179	1,331	255
South Dakota.....	162,902	1,535	125,011	1,091	951	176	1,569	287
Nebraska.....	730,429	6,472	687,741	6,073	3,355	562	1,474	312
Kansas.....	469,015	4,333	493,994	4,447	3,737	626	2,875	621
South Atlantic.....	9,452,437	84,527	7,955,871	68,908	52,087	8,868	42,250	8,861
Delaware.....	71,041	593	36,378	326	(D)	(D)	(D)	(D)
Maryland.....	2,152,504	18,606	2,141,669	17,973	5,836	1,072	5,745	1,255
District of Columbia.....	215,183	1,999	131,528	1,152	1,898	345	2,522	548
Virginia.....	1,080,132	9,683	960,489	8,460	8,798	1,406	7,513	1,455
West Virginia.....	377,453	3,470	315,813	2,849	1,824	330	2,421	527
North Carolina.....	1,230,558	11,715	1,024,086	8,999	8,902	1,592	8,088	1,767
South Carolina.....	430,637	3,914	344,073	3,011	(D)	(D)	(D)	(D)
Georgia.....	2,774,920	24,304	2,068,628	18,236	16,562	2,649	9,229	1,940
Florida.....	1,120,009	10,243	933,207	7,902	6,376	1,143	5,086	1,022
East South Central.....	4,114,662	37,175	2,851,371	24,747	29,489	5,739	12,562	2,734
Kentucky.....	1,684,973	15,612	943,805	8,269	7,825	1,423	3,907	816
Tennessee.....	1,236,342	11,038	935,134	8,155	12,940	2,328	4,725	1,007
Alabama.....	853,288	7,537	657,445	5,678	6,179	1,533	3,330	775
Mississippi.....	340,059	2,988	314,987	2,645	2,545	455	600	136
West South Central.....	5,717,505	49,953	5,121,477	44,208	27,710	4,890	17,608	3,628
Arkansas.....	340,181	3,024	396,524	3,397	2,398	429	1,091	230
Louisiana.....	1,389,499	11,737	1,400,080	11,865	6,828	1,209	3,456	751
Oklahoma.....	377,493	3,478	401,012	3,515	2,862	465	2,386	497
Texas.....	3,610,332	31,714	2,923,861	25,431	15,622	2,787	10,675	2,150
Mountain.....	1,266,384	12,150	1,020,447	9,354	8,634	1,587	9,834	2,058
Montana.....	81,042	752	65,962	637	1,401	259	1,382	362
Idaho.....	154,280	1,495	78,401	723	437	87	551	126
Wyoming.....	23,725	226	23,813	208	(D)	(D)	(D)	(D)
Colorado.....	508,268	4,915	430,638	3,933	3,471	616	6,125	1,162
New Mexico.....	81,407	791	90,594	826	969	176	328	70
Arizona.....	187,736	1,755	123,839	1,132	1,504	280	379	86
Utah.....	210,324	2,035	188,603	1,727	698	137	815	188
Nevada.....	19,602	181	18,597	168	(D)	(D)	(D)	(D)
Pacific.....	11,230,133	101,924	9,784,400	83,595	46,165	8,628	36,616	8,192
Washington.....	955,954	9,109	1,039,310	9,137	4,014	789	4,090	917
Oregon.....	709,183	6,436	651,337	5,655	3,113	614	2,487	541
California.....	9,564,996	86,379	8,093,753	68,803	39,038	7,225	30,039	6,734

D Withheld to avoid disclosing figures for individual companies.

MANUFACTURES—SUMMARY STATISTICS

Table 2H.—Green Coffee (011251) Consumed by Divisions and States: 1958 and 1954

Division and State	1958		1954		Division and State	1958		1954	
	Quantity (cwt)	Value (\$1,000)	Quantity (cwt)	Value (\$1,000)		Quantity (cwt)	Value (\$1,000)	Quantity (cwt)	Value (\$1,000)
United States, total.....	24,758,454	1,243,553	20,284,058	1,466,532	South Atlantic.....	2,050,162	102,296	1,435,137	102,655
New England.....	555,737	28,352	644,022	47,989	Maryland.....	(D)	(D)	368,485	26,679
Massachusetts.....	539,002	27,379	629,109	46,891	District of Columbia.....	205,684	10,576	189,433	14,000
Connecticut.....	16,735	973	(D)	(D)	Virginia.....	112,995	5,628	112,971	7,710
Middle Atlantic.....	8,847,746	445,720	7,114,383	315,232	Georgia.....	113,714	5,241	32,793	2,759
New York.....	2,565,837	129,369	2,207,063	167,272	Florida.....	(D)	(D)	638,934	45,678
New Jersey.....	5,951,232	299,569	4,403,188	310,826	East South Central.....	440,719	23,076	637,877	47,168
Pennsylvania.....	330,677	16,782	504,132	37,134	Tennessee.....	294,532	16,260	303,363	22,288
East North Central.....	2,956,692	145,850	2,923,137	205,140	Alabama.....	(D)	(D)	189,358	14,492
Ohio.....	965,468	48,124	962,842	67,086	West South Central.....	4,223,657	209,228	2,769,498	191,310
Illinois.....	1,875,126	91,966	1,842,784	129,849	Louisiana.....	1,149,666	53,518	605,595	37,900
Michigan.....	96,638	4,763	103,442	7,113	Texas.....	2,895,821	147,300	2,054,132	144,625
West North Central.....	1,940,799	98,759	1,582,376	120,794	Mountain.....	46,773	2,388	63,318	4,422
Minnesota.....	149,940	7,675	128,048	9,271	Pacific.....	3,696,169	187,884	3,114,310	231,810
Missouri.....	1,225,337	58,284	968,684	67,024	Washington.....	63,513	3,055	29,609	1,986
Nebraska.....	(D)	(D)	(D)	(D)	Oregon.....	339,329	16,132	200,738	16,391
Kansas.....	(D)	(D)	(D)	(D)	California.....	3,293,327	168,697	2,883,963	213,433

D Data withheld to avoid disclosure of individual establishments.

Table 2I.—Finfish, Round (091211) Consumed by Divisions and States: 1958 and 1954

Division and State	1958 Delivered cost	1954 delivered cost	Division and State	1958 delivered cost	1954 delivered cost
	(\$1,000)	(\$1,000)		(\$1,000)	(\$1,000)
United States, total.....	183,253	153,836	South Central.....	1,392	(D)
New England.....	37,033	30,507	Kentucky.....	(D)	...
Maine.....	3,238	4,584	Tennessee.....	...	...
New Hampshire.....	...	...	Alabama.....	...	...
Vermont.....	...	...	Mississippi.....	(D)	(D)
Massachusetts.....	33,795	25,923	South Central.....	...	(D)
Rhode Island.....	...	...	Louisiana.....	1,019	(D)
Connecticut.....	...	...	Texas.....	(D)	(D)
Middle Atlantic.....	19,048	14,524	South Atlantic.....	8,463	3,125
New York.....	16,562	11,847	Maryland.....	3,248	1,611
New Jersey.....	(D)	(D)	Virginia.....	4,334	553
Pennsylvania.....	(D)	(D)	South Carolina.....	...	(D)
North Central.....	8,911	2,190	Florida.....	(D)	(D)
Ohio.....	(D)	(D)	Mountain.....	...	...
Indiana.....	...	...	Pacific.....	109,402	102,750
Illinois.....	2,290	1,845	Washington.....	27,325	24,214
Michigan.....	(D)	(D)	Oregon.....	13,248	9,342
Wisconsin.....	(D)	...	California.....	68,829	69,194
Minnesota.....	(D)	...			

D Data withheld to avoid disclosure of individual establishments.

SELECTED MATERIALS CONSUMED

7-21

Table 2J.—Dairy Products Consumed by Divisions and States: 1958

Division and State	Cheese 202251 (including cottage cheese curd) ¹		Ice cream and ice milk mix 202331 ¹		Skim milk (fluid) 202751 ¹	
	Quantity (cwt)	Delivered cost (\$1,000)	Quantity (1,000 gallons)	Delivered cost (\$1,000)	Quantity (cwt)	Delivered cost (\$1,000)
United States, total.....	7,102,733	220,841	108,934	113,424	71,198,182	69,509
New England.....	109,756	1,871	8,882	9,390	1,052,556	1,861
Maine.....	11,895	167	585	635	(D)	(D)
New Hampshire.....	(D)	(D)	434	325	23,248	43
Vermont.....	10,581	240	161	184	(D)	(D)
Massachusetts.....	45,109	717	4,934	5,213	306,193	919
Rhode Island.....	(D)	(D)	200	191	(D)	(D)
Connecticut.....	35,424	626	2,568	2,842	98,299	195
Middle Atlantic.....	917,078	22,020	22,486	27,314	8,265,809	9,898
New York.....	460,672	10,253	7,018	12,280	6,478,879	7,777
New Jersey.....	(D)	(D)	1,535	2,017	355,841	607
Pennsylvania.....	(D)	(D)	13,933	13,017	1,431,089	1,514
East North Central.....	2,395,552	83,846	28,230	31,248	11,964,083	11,933
Ohio.....	143,599	4,236	3,768	3,392	708,864	908
Indiana.....	49,309	1,255	1,912	1,912	250,453	306
Illinois.....	366,971	11,830	4,969	5,540	1,990,648	2,100
Michigan.....	85,563	1,573	9,349	10,996	297,658	359
Wisconsin.....	1,750,110	64,952	8,232	9,408	8,716,460	8,260
West North Central.....	2,189,738	75,096	12,345	10,852	44,328,742	39,159
Minnesota.....	(D)	(D)	3,346	3,228	38,044,714	33,490
Iowa.....	9,628	147	2,285	1,356	3,111,661	2,791
Missouri.....	1,276,424	44,585	2,200	2,113	(D)	(D)
North Dakota.....	(D)	(D)	370	433	(D)	(D)
South Dakota.....	3,224	50	711	706	(D)	(D)
Nebraska.....	(D)	(D)	2,078	1,753	(D)	(D)
Kansas.....	(D)	(D)	1,355	1,263	30,983	29
South Atlantic.....	675,792	22,195	11,088	11,085	540,562	699
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	22,481	296	1,268	1,528	148,688	230
District of Columbia.....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia.....	(D)	(D)	2,149	2,273	(D)	(D)
West Virginia.....	3,857	63	619	442	(D)	(D)
North Carolina.....	(D)	(D)	3,896	3,265	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)	(D)	(D)
Georgia.....	(D)	(D)	967	714	(D)	(D)
Florida.....	42,647	943	1,558	2,086	(D)	(D)
East South Central.....	53,845	1,544	4,576	4,180	561,493	424
Kentucky.....	7,170	126	1,160	927	(D)	(D)
Tennessee.....	(D)	(D)	2,095	1,996	463,238	292
Alabama.....	7,708	116	966	880	(D)	(D)
Mississippi.....	(D)	(D)	355	377	(D)	(D)
West South Central.....	176,164	3,217	6,225	5,023	191,618	242
Arkansas.....	(D)	(D)	731	643	(D)	(D)
Louisiana.....	(D)	(D)	1,184	775	7,479	13
Oklahoma.....	(D)	(D)	498	436	(D)	(D)
Texas.....	70,908	1,115	3,812	3,169	(D)	(D)
Mountain.....	125,951	3,379	5,511	4,870	198,029	248
Montana.....	16,350	455	926	922	(D)	(D)
Idaho.....	(D)	(D)	728	250	(D)	(D)
Wyoming.....	(D)	(D)	138	96	(D)	(D)
Colorado.....	11,716	147	1,645	1,427	(D)	(D)
New Mexico.....	17,621	282	552	498	(D)	(D)
Arizona.....	(D)	(D)	(D)	(D)	(D)	(D)
Utah.....	(D)	(D)	555	716	(D)	(D)
Nevada.....	(D)	(D)	(D)	(D)	(D)	(D)
Pacific.....	458,857	7,673	9,591	9,462	4,095,290	5,045
Washington.....	39,419	1,211	986	1,152	580,885	733
Oregon.....	3,915	120	332	377	122,740	190
California.....	415,523	6,342	8,273	7,933	3,391,665	4,122

D Withheld to avoid disclosing figures for individual companies.

¹These figures represent purchased materials (or materials transferred from other plants of the same company) and do not include materials made and consumed in the same plant.

Textiles

This section includes data on materials primarily consumed by establishments classified in Major Group 22, Textile Mill Products, and for broad woven fabrics primarily consumed by establishments classified in Major Group 23, Apparel and Related Products, as well as other industries consuming significant quantities of piece goods.

Fibers

Inquiries on consumption of materials for a major portion of the Textile Mill Products industries were not included on the 1958 Census of Manufactures questionnaires because of the existence of adequate statistics in the Census Bureau's Current Industrial Reports (CIR) Series. The publications which include such consumption data are as follows:

Spinning mills:

- CIR Series M22P - Cotton, Man-Made Fiber Staple, and Linters
- M22D - Consumption on the Woolen and Worsted Systems

Weaving and tufting mills:

- CIR Series M22T.1 - Cotton Broad Woven Goods
- M22T.2 - Man-Made Fiber Broad Woven Goods
- M22T.4 - Tire Cord and Tire Cord Fabrics
- M22L - Tufted Textile Products

Knitting mills:

- CIR Series M22K - Knit Cloth for Sale
- M23A - Apparel

The fiber consumption data shown in tables 1A, 1B, and 1C are based upon monthly reports collected in the Current Industrial Reports Series M22P. These monthly reports were tabulated by industry and/or State for this publication. The industry classification used for this purpose was based on the old Standard Industrial Classification. For clarity in presentation, the new SIC designations are shown. However, in some cases the new SIC codes are not completely comparable to the old SIC. This is particularly true for new SIC Groups 227, "Floor Covering Mills," and 228, "Yarn and Thread Mills." The SIC revisions for these industries are discussed in the 1958 Census of Manufactures Volume II Industry Statistics, pages 22D and 22E.

Broad Woven Fabrics (Piece Goods)

The statistics shown in table 1D, in the column headed, "Reported", were previously published in the individual chapters in Volume II,

Industry Statistics, table 7, "Materials Consumed by Kind." In each of the individual table 7's, detailed materials data were collected for piece goods and other materials. However, in each industry a portion of the total cost of materials was not specified by kind. This cost that was not specified by kind represented the total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and the total cost of materials reported for those establishments which failed to report cost of individual materials on the "standard forms." The "cost of materials not specified by kind" would, therefore, include the quantity and cost of piece goods consumed by a number of establishments.

Those cost figures for the materials "not specified by kind" were allocated to the piece goods costs in the same proportion that piece goods represented to the total cost of materials reported in detail. Quantity data were then estimated using the same unit value as that reported by other establishments in the industry. The combined total of the amounts reported and the amounts estimated are shown in the columns headed "Estimated Total."

For some industries, the quantity data for relatively small costs of fabrics were not available. In such cases, the quantities were estimated based on the unit value reported by a closely related industry.

The fabric consumption data for the Rubber Industries 3011, 3021, 3031, and 3069 were collected in thousands of pounds instead of thousands of yards as collected for all other industries shown in this table. A satisfactory conversion factor was not available for converting these pound figures to yards. Therefore, the quantities in pounds were added to the quantities in yards reported by the other industries in order to obtain some approximate total figures. The resulting figures are consequently understated because the fabric consumed probably exceeded one yard per pound.

The materials consumed inquiries for some industries requested separate data by type of fiber, such as cotton fabrics, rayon fabrics, etc. For other industries, the breakdown was by kind of fabric, such as upholstery material, bed ticking, etc. Because of this varying collection measure it is not possible to obtain a breakdown of the total fabric consumption in all industries by type of fiber or fabric consumed.

SELECTED MATERIALS CONSUMED

7-23

Table 1A.—Consumption of Raw Cotton (011161) by Industries, Divisions, and States: 1958

(Domestic cotton in running bales; foreign cotton in equivalent 500 pound bales)

Divisions, regions, and States	Total, all industries	Industry and industry group						All other industries
		Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Knitting mills (SIC 225-)	Yarn mills, except wool (SIC 2281)	Thread mills (SIC 2284)	Miscellaneous textile goods (SIC 229-)	
United States, total.....	8,131,756	5,911,290	119,807	53,437	1,835,431	92,315	43,804	75,672
New England.....	296,376	253,857	(³)	...	8,782	(³)	2,872	6,850
Maine.....	116,314	116,314	...	...	...	...	(¹)	...
New Hampshire.....	(⁴)	(⁴)	...	...	...	...	(¹)	...
Massachusetts.....	99,819	72,983	(³)	...	8,782	(¹)	(²)	(²)
Rhode Island.....	(⁴)	(⁴)	...	...	...	...	(¹)	...
Connecticut.....	17,681	(²)	(²)	...	...	(²)	...	(²)
Middle Atlantic.....	15,497	(²)	...	...	(²)	...	(¹)	(²)
New York.....	4,732	(²)	...	...	(²)	...	(¹)	(¹)
New Jersey.....	10,007	(²)	...	...	...	...	...	(²)
North Central.....	17,235	(²)	...	...	(²)	...	(¹)	8,751
Illinois.....	13,837	...	...	...	(²)	...	(¹)	7,436
South.....	7,798,218	5,648,954	(⁴)	53,437	1,817,510	(⁴)	38,896	51,314
Maryland.....	(³)	(³)	...	...	(¹)	...	(¹)	...
Virginia.....	195,613	(⁴)	...	...	...	...	...	(²)
North Carolina.....	2,387,313	1,162,561	37,685	(³)	1,136,167	19,707	12,615	4,209
South Carolina.....	2,404,503	2,203,318	57,858	(²)	110,847	(³)	...	(³)
Georgia.....	1,498,169	1,106,077	...	(²)	332,524	31,025	...	(³)
Kentucky.....	(²)	(²)	...	...	(²)	...	...	(¹)
Tennessee.....	176,322	87,235	...	(⁴)	(⁴)	(³)	(²)	(¹)
Alabama.....	890,363	670,465	(³)	...	191,165	...	(³)	(¹)
Mississippi.....	(⁴)	(⁴)	...	...	...	...	...	...
Arkansas.....	(³)	(³)	...	...	...	...	...	...
Oklahoma.....	(³)	(³)	...	...	...	...	...	(¹)
Texas.....	150,623	140,531	...	...	...	(²)	(²)	(²)
West.....	4,430	...	...	...	...	...	(²)	(²)
California.....	(²)	...	...	...	...	...	(²)	(²)

Note: These data are based on monthly reports on Census Form M22P and exclude consumption on the woolen and worsted systems. Individual States are shown where total consumption was over 3,000 bales. Where the data are withheld to avoid disclosing information for individual companies, the figures shown below have been used to indicate consumption size ranges:

- (¹) Less than 1,000 bales
- (²) 1,000 to 9,999 bales
- (³) 10,000 to 24,999 bales
- (⁴) 25,000 or more bales.

The industry and industry groups are based on the old SIC definitions. The new definitions are comparable to the old definitions for all industries shown in this table except new Industry 2281. The old Industry 2224 included tire cord and tire fabric mills which are excluded from the new Industry 2281. Other revisions were also made to the industry definition to include in Industry 2281 mills primarily producing cotton and synthetic yarns on woolen and worsted equipment.

MANUFACTURES—SUMMARY STATISTICS

Table 1B.—Consumption of Man-Made Fiber Staple (282511) on the Cotton Systems, by Industries, Divisions, and States: 1958

(Thousands of pounds)

Division, region, and State	Total, all industries	Industry and industry group				
		Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Floor covering mills (SIC 227-)	Yarn and thread mills (SIC 228-)	Other industries
United States, total.....	454,238	108,611	197,695	13,507	124,881	9,544
Northeast.....	23,033	6,598	7,671	...	5,896	2,868
Maine.....	(3)	(3)	...	...	...	(1)
New Hampshire.....	8,176	(1)	(3)	...	(2)	...
Massachusetts.....	5,753	(1)	(2)	...	1,872	(2)
Connecticut.....	(2)	...	(1)	...	(2)	(1)
Pennsylvania.....	(2)	...	...	...	(1)	(1)
North Central.....	2,898	...	...	...	...	2,898
Ohio.....	(2)	...	...	...	...	(2)
South and West.....	428,307	102,013	190,024	13,507	118,985	3,778
Maryland.....	(2)	...	...	...	(2)	(1)
North Carolina.....	154,827	35,124	47,037	...	72,390	276
South Carolina.....	147,041	21,067	111,288	...	14,686	...
Georgia.....	87,080	39,136	(3)	(2)	19,188	(1)
Kentucky.....	(2)	(1)	...	...	(1)	...
Tennessee.....	6,008	...	...	...	(2)	(2)
Alabama.....	22,238	5,490	(3)	(3)	5,179	...
Arkansas.....	(2)	...	...	(2)	...	...
California.....	(2)	...	...	...	(1)	(2)

Note: These data are based on monthly reports received on Census Form M22P from cotton system spinners. The data exclude consumption of synthetic staple on the woolen and worsted systems which in 1958 amounted to 107 million pounds.

Individual States are shown where the consumption was over 1 million pounds. Where the data are withheld to avoid disclosing information for individual companies, the figures shown below have been used to indicate consumption size ranges:

- (1) Less than 1 million pounds
 (2) 1 million to 5 million pounds
 (3) 5 million pounds or more.

Data are tabulated by industry groups based on the old SIC definitions. The new definitions for floor covering mills (SIC 227) and yarn and thread mills (228) represent a considerable revision compared to the definitions previously used. These are discussed in some detail in Volume II, Industry Statistics, for these industries.

Table 1C.—Consumption of Linters (288117) by Type of Consumer: 1958

Ind. code	Type of consumer and industry	Number of running bales
	Total consumption.....	¹ 1,141,682
	Bleachers (Industry 2611, part).....	529,180
	Other consumers, total.....	612,502
	Industry:	
2291	Felt goods, nec.....	5,323
2293	Padding and upholstery filling.....	201,239
	Other textile mills.....	10,369
239-	Miscellaneous fabricated textile products.....	3,520
2512	Wood furniture, upholstered.....	13,314
2515	Mattresses and bedsprings.....	296,564
	Other furniture industries.....	21,810
2611	Pulp mills (except bleachers).....	42,526
	Other industries.....	17,837

¹Consumption of linters is based on monthly reports received on Census Form M22P, "Cotton, Man-Made Fiber Staple, and Linters." Because of differences in reporting and coverage, this table is not completely comparable to the data shown in table 7, "Materials Consumed" published for selected industries in the 1958 Census of Manufactures, Volume II, Industry Statistics.

In a study made of the reports for the 1958 Census of Manufactures it was found that some plants consuming linters were not reporting in the monthly survey. For the 1959-1960 season these plants consumed approximately 80 thousand bales of linters. Consequently the consumption data previously published in the M22P Current Industrial Reports have been adjusted to include the consumption by the plants not previously included in the monthly survey.

Table 1D.—Consumption of Broad-Woven Fabrics (Piece Goods) by Selected Industries: 1958

Ind. code	Industry and kind of fabric	Estimated total ¹		Reported ¹	
		Quantity (1,000 lin. yds.)	Cost (\$1,000)	Quantity (1,000 lin. yds.)	Cost (\$1,000)
	All industries listed, total.....	27,704,403	4,238,878	xxx	3,776,207
2295	Coated fabric, not rubberized.....	228,587	64,546	201,738	56,965
	Cotton fabrics.....	211,279	58,202	186,461	51,366
	Man-made fiber fabrics.....	17,308	6,344	15,277	5,599
2311	Men's and boys' suits and coats.....	176,352	381,432	167,585	362,470
2321	Men's dress shirts and nightwear.....	720,672	308,441	683,875	292,692
2322	Men's and boys' underwear.....	107,485	32,190	106,463	31,884
2327	Separate trousers.....	172,161	153,894	162,151	144,946
2328	Work clothing.....	650,840	315,351	609,984	304,925
2329	Men's and boys' clothing, nec.....	163,977	121,485	150,390	111,418
2331	Women's blouses.....	192,365	113,463	172,238	101,592
2335	Women's dresses.....	801,936	571,040	731,213	520,678
2337	Women's suits, coats, and skirts.....	294,539	444,156	252,314	380,480
2339	Women's outerwear, nec.....	243,580	154,601	213,968	135,806
2341	Women's and children's underwear.....	483,459	173,721	440,623	158,330
2342	Corsets and allied garments.....	102,560	83,373	93,964	76,385
2361	Children's dresses.....	210,435	101,711	184,606	89,227
	Suiting and coating fabrics.....	2,913	2,580	2,556	2,264
	All other broad-woven fabrics.....	207,522	99,131	182,050	86,963
2363	Children's coats.....	48,522	56,173	42,548	49,257
	Suiting and coating fabrics.....	28,433	42,824	24,933	37,552
	All other broad-woven fabrics.....	20,089	13,349	17,615	11,705
2369	Children's outerwear, nec.....	209,663	108,011	(NA)	98,052
	Suiting and coating fabrics.....	33,821	5,755	(NA)	5,225
	All other broad-woven fabrics.....	205,842	102,256	186,863	92,827
2384	Robes and dressing gowns.....	115,010	52,384	92,055	41,928
2385	Waterproof outer garments.....	34,470	28,708	31,627	26,340
2386	Leather and sheeplined clothing.....	35,056	4,211	(NA)	3,639
2387	Apparel belts.....	2,623	1,859	2,026	1,436
2389	Apparel, nec.....	72,410	25,496	53,333	18,779
2391	Curtains and draperies.....	283,208	101,664	236,919	85,048
	Cotton.....	92,743	33,651	77,583	28,151
	Rayon and acetate.....	74,185	25,017	62,059	20,928
	Nylon.....	25,653	8,505	21,463	7,116
	Other broad-woven fabrics.....	90,627	34,491	75,814	28,853
2392	Housefurnishings, nec.....	772,602	257,169	598,050	199,069
	Cotton.....	679,319	219,198	525,835	169,673
	Rayon and acetate.....	54,066	23,402	41,857	18,118
	Nylon.....	15,709	6,120	12,164	4,739
	Other broad-woven fabrics.....	23,508	8,449	18,194	6,539
2393	Textile bags.....	841,836	100,775	746,961	89,418
	Cotton.....	214,698	37,381	190,499	33,168
	Rayon and acetate.....	43,257	4731	42,892	4649
	Nylon.....	623,881	62,663	553,570	55,601
2394	Canvas products.....	86,767	38,826	55,849	24,991
	Cotton.....	80,969	34,438	52,117	22,167
	Rayon and acetate.....	52,662	52,050	51,713	51,319
	Nylon.....	3,136	2,338	2,019	1,505
2399	Textile products, nec.....	179,001	57,114	127,841	40,789
	Cotton.....	133,229	26,506	95,154	18,931
	Rayon and acetate.....	22,672	13,357	16,191	9,539
	Nylon.....	5,217	3,504	3,725	2,502
	Other broad-woven fabrics.....	17,883	13,747	12,771	9,817
2511	Wood furniture, not upholstered.....	4,237	6,253	(NA)	5,282
	Cotton.....	32,140	3,001	(NA)	2,534
	Other (rayon, nylon, etc.).....	2,097	3,252	1,772	2,748
2512	Wood furniture, upholstered.....	60,819	100,337	(NA)	83,919
	Cotton.....	37,866	53,139	31,672	44,447
	Other (rayon, nylon, etc.).....	20,973	46,133	17,540	38,582
	Ticking (mattress).....	1,980	1,065	(NA)	890
2514	Metal household furniture.....	3,072	4,226	(NA)	3,687
	Cotton.....	3854	1,199	(NA)	1,047
	Other (rayon, nylon, etc.).....	32,218	3,027	(NA)	2,640

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1D.—Consumption of Broad-Woven Fabrics (Piece Goods) by Selected Industries: 1958—Continued

Ind. Code	Industry and kind of fabric	Estimated total ¹		Reported ¹	
		Quantity (1,000 lin. yds.)	Cost (\$1,000)	Quantity (1,000 lin. yds.)	Cost (\$1,000)
2515	Mattresses and bedsprings.....	128,013	66,295	(NA)	59,530
	Cotton.....	³ 35,570	11,475	(NA)	10,304
	Other.....	6,158	8,403	5,531	7,547
	Ticking (mattress).....	86,285	46,417	77,477	41,679
3011	Tires and inner tubes.....	15,540	13,294	15,486	13,248
	Cotton.....	⁶ 9,121	6,028	⁶ 9,089	6,007
	Rayon.....	⁶ 2,294	1,627	⁶ 2,287	1,622
	Nylon.....	⁶ 3,529	5,191	⁶ 3,517	5,173
	Other.....	⁶ 596	448	⁶ 593	446
3021	Rubber footwear.....	15,831	15,531	14,812	14,532
	Cotton.....	⁶ 14,325	13,459	⁶ 13,403	12,593
	Rayon.....	⁶ 127	176	⁶ 119	165
	Nylon.....	⁶ 126	250	⁶ 118	234
	Other.....	⁶ 1,253	1,646	⁶ 1,172	1,540
3031	Reclaimed rubber.....	84,278	70,663	(NA)	66,178
3069	Fabricated rubber products, nec.....			(NA)	
	Cotton.....			⁶ 59,001	42,550
	Rayon.....			⁶ 7,560	5,435
	Nylon.....			(NA)	5,230
	Other.....	⁶ 9,411	13,842	(NA)	12,963
3079	Plastic products, nec.....	97,250	36,547	43,969	16,530
	Cotton fabrics.....	67,680	17,743	30,584	8,018
	Other textile fabrics.....	29,570	18,804	13,385	8,512
3141	Footwear, except rubber.....	52,718	28,740	49,409	26,937
	Cotton lining fabrics.....	39,432	18,488	36,956	17,327
	All other cotton fabrics.....	6,387	3,529	5,985	3,307
	Other fabrics.....	6,899	6,723	6,468	6,303
3142	House slippers.....	14,880	11,318	12,985	9,877
	Cotton lining fabrics.....	5,183	2,592	4,523	2,262
	All other cotton fabrics.....	4,626	3,379	4,037	2,949
	Other fabrics.....	5,071	5,347	4,425	4,666
3151	Leather gloves, broad-woven fabrics (piece goods).....	³ 7,081	2,792	(NA)	2,581
3161	Luggage.....	16,396	6,495	13,748	5,446
	Cotton.....	2,887	1,407	2,421	1,180
	Rayon and acetate.....	11,971	4,128	10,037	3,461
	Other broad-woven fabrics.....	1,538	960	1,290	805
3171	Handbags and purses.....	16,338	11,446	12,917	9,049
	Cotton.....	2,369	2,099	1,874	1,660
	Rayon and acetate.....	9,722	4,311	7,686	3,408
	Other broad-woven fabrics.....	4,247	5,036	3,357	3,981
3717	Motor vehicles and parts.....	6,239	11,763	6,239	11,763
	Cotton.....	2,912	2,469	2,912	2,469
	Other broad-woven fabrics.....	3,327	9,294	3,327	9,294
3791	Trailer coaches.....	1,595	1,384	1,273	1,104
	Cotton.....	1,416	1,138	1,131	909
	Other broad-woven fabrics.....	179	246	142	195

NA Not available.

¹The columns "Estimated Total" include for each industry a proportionate part of the cost of materials that were not specified by kind. The quantity figures were raised proportionately using the unit value reported for the industry (see text). The "Reported" columns show the data as reported and published in table 7 of the Industry Reports for the specific industry prior to the adjustment for the cost of materials not specified by kind.

²Total quantity includes data for Industries 3011, 3021, 3031, and 3069 in pounds. The total yardage figure is consequently understated because the fabric consumed in those industries probably exceeded one yard per pound.

³Estimated, based on unit value reported for other industries (see text).

⁴Primarily rayon.

⁵Primarily nylon.

⁶Quantity data for Industries 3011, 3021, 3031, and 3069 were collected and are shown in pounds rather than linear yards. Data exclude tire cord consumption. For Industry 3069, the quantities of nylon and other fabrics were estimated.

Pulpwood, Wood Pulp, Paper and Board, and Newsprint

This section refers to data on materials primarily consumed by establishments classified in Major Group 26, Paper and Allied Products Industries, and Major Group 27, Printing, Publishing and Allied Industries. Comments on individual materials or groups of materials are shown below.

Pulpwood

Data on the quantity and cost of pulpwood consumed are presented in Volume II, Industry Statistics, table 7A, page 26A-19, and represent 100 percent coverage of this material. The succeeding table of Volume II (table 7B, pages 26A-19 and 26A-20) provides a geographical distribution of pulpwood used in the manufacture of wood pulp, by kind of wood.

Wood Pulp

Data on the quantity and cost of wood pulp consumed are also shown in Volume II, table 7A, page 26A-19, and account for approximately 99 percent of the total supply. In the same section of Volume II, data are given on the consumption of wood pulp by type by major grade of paper and board (see table 7C, page 26A-21); also, by States by type of wood pulp consumed in the manufacture of paper and board (see table 7D, page 26A-22). The paper and board industries account for more than 95 percent of the total annual supply of wood pulp.

Paper and Board

Data on the quantity and cost of paper and paperboard grades consumed in the paper and board converting industries are shown in Volume II, pages 26B-21, 22 for all converted products except containers and boxes, and on page 26C-17 for paperboard containers and boxes.

The paper consumption statistics for the Printing and Publishing Industries appear in Volume II as table 7A on pages 27A-30, 31, page 27B-19, and page 27C-17. Except for newsprint, grade detail was not collected from the printing industries, since printers generally had demonstrated their inability to furnish more detailed information in their 1954 Census of Manufactures reporting and in a reportability canvass made prior to the 1958 Census. Therefore, with the exception of newsprint, quantity and cost information cannot be presented on a uniform basis for all consuming industries from which consumption data were collected.

Newsprint

Volume II presents two special geographic distributions of newsprint consumption: the tonnage of newsprint consumed in newspaper publishing in 1958 and 1954 (see table 7B on page 27A-31); and the delivered cost of newsprint purchased and consumed by commercial printers and manifold business forms manufacturers in 1958 (see table 7B on page 27B-20).

The accompanying two tables have been prepared for publication in this volume in the interest of presenting a more comprehensive picture of the consumption of this complete coverage material. Table 1 shows the United States consumption of newsprint in 1958 and 1954 by industries, in terms of delivered cost; where available, the corresponding tonnages purchased are also shown. Table 2 presents the newsprint consumed by the publishing industries during 1958, by Divisions and States. In this presentation the newsprint consumption has been assigned to the State in which the publisher purchasing the material was located, although in some instances the newsprint may have been consumed by printers located in a different State from that of the publisher.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Newsprint (261211) Consumed by Specified Industries: 1958 and 1954

Code	Consuming Industry	1958		1954	
		Purchased quantity (short tons)	Delivered cost (\$1,000)	Purchased quantity (short tons)	Delivered cost (\$1,000)
	Total newsprint consumed.....	(NA)	946,419	(NA)	(NA)
2711	Newspapers.....	5,830,483	798,379	5,262,177	682,861
2721	Periodicals.....	252,126	34,073	221,992	29,581
2731	Books, publishing and printing.....	42,280	5,821	5,049	730
2732	Book printing.....	31,592	5,106	6,496	925
2741	Miscellaneous publishing.....	37,707	5,326	42,879	5,969
2751	Printing: letterpress.....	(NA)	74,408	336,956	44,231
2752	Printing: lithographic.....	(NA)	9,052	16,756	2,441
2761	Manifold business forms.....	(NA)	5,319	(¹)	(¹)
2641	Paper coating and glazing.....	9,500	1,710	(NA)	(NA)
2649	Paper and board products, n.e.c.....	50,522	6,668	23,192	3,068
	All other other industries.....	(NA)	557	(NA)	(NA)

NA Not available.

¹This industry was not separately recognized in 1954 and the newsprint consumption of such establishments was included in the commercial printing industries (now SIC industries 2751 and 2752).

SELECTED MATERIALS CONSUMED

7-29

Table 2.—Newsprint Consumed by Publishing Industries, by Divisions and States: 1958

Divisions, regions, and States	Newspapers (2711)		Periodicals (2721)		Books and miscel- laneous publishing (2731, 2732, 2741)	
	Quantity	Value	Quantity	Value	Quantity	Value
	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
United States, total.....	5,830,483	798,379	252,126	34,073	111,579	16,253
New England.....	346,729	47,785	10,004	1,395	1,932	288
Maine.....	15,108	2,026	...	...	...	...
New Hampshire.....	10,794	1,439	...	...	...	...
Vermont.....	4,027	538	...	...	...	...
Massachusetts.....	220,083	30,762	3,693	516	(1)	(1)
Rhode Island.....	28,234	3,785	...	...	...	...
Connecticut.....	68,483	9,235	6,311	879	(1)	(1)
Middle Atlantic.....	1,493,577	201,549	177,370	23,623	44,117	6,354
New York.....	917,601	122,949	134,687	17,623	43,292	6,115
New Jersey.....	134,000	18,530	1,145	194	88	132
Pennsylvania.....	441,976	60,070	41,538	5,806	737	107
East North Central.....	1,335,650	179,492	30,368	4,199	40,910	5,973
Ohio.....	408,325	53,129	16,050	2,392	2,460	370
Indiana.....	115,912	15,781	3,496	472	6,380	938
Illinois.....	437,278	59,184	7,026	738	6,393	959
Michigan.....	238,730	32,758	1,295	136	5,275	786
Wisconsin.....	135,405	18,640	2,501	461	20,402	2,920
West North Central.....	476,592	64,138	14,820	1,986	6,489	928
Minnesota.....	114,921	14,706	1,202	167	3,848	558
Iowa.....	64,998	8,624	6,654	979	(1)	(1)
Missouri.....	205,722	28,215	4,923	583	1,746	255
North Dakota.....	7,616	1,027	...	...	...	...
South Dakota.....	7,417	996	...	...	(1)	(1)
Nebraska.....	38,672	5,317	947	128	(1)	(1)
Kansas.....	37,246	5,253	1,094	129	(1)	(1)
South Atlantic.....	638,874	94,810	6,340	949	(1)	(1)
Delaware.....	9,094	1,249	...	...	...	...
Maryland.....	90,428	12,321	(1)	(1)	(1)	(1)
District of Columbia.....	120,398	16,391	2,850	380	...	...
Virginia.....	71,548	9,791	(1)	(1)	...	...
West Virginia.....	34,019	4,634	...	...	...	...
North Carolina.....	72,214	9,865	(1)	(1)	(1)	(1)
South Carolina.....	30,328	4,098	(1)	(1)	(1)	(1)
Georgia.....	85,098	11,532	(1)	(1)	(1)	(1)
Florida.....	125,747	24,929	1,367	210	(1)	(1)
East South Central.....	205,750	27,740	7,593	1,139	(1)	(1)
Kentucky.....	51,550	7,074	(1)	(1)	(1)	(1)
Tennessee.....	84,086	11,365	939	140	(1)	(1)
Alabama.....	56,971	7,517	5,966	901	...	...
Mississippi.....	13,143	1,784	(1)	(1)	(1)	(1)
West South Central.....	411,404	55,862	1,691	252	1,545	238
Arkansas.....	20,824	2,843	...	...	(1)	(1)
Louisiana.....	73,516	9,945	(1)	(1)	...	...
Oklahoma.....	54,450	7,505	(1)	(1)	...	...
Texas.....	262,614	35,569	1,394	209	1,431	219
Mountain.....	160,708	23,599	1,097	149	681	114
Montana.....	11,563	1,850	(1)	(1)	...	...
Idaho.....	7,520	1,041	(1)	(1)	(1)	(1)
Wyoming.....	2,334	331	...	...	...	...
Colorado.....	69,066	10,136	(1)	(1)	667	111
New Mexico.....	9,011	1,344	(1)	(1)	...	...
Arizona.....	31,503	4,609	(1)	(1)	(1)	(1)
Utah.....	24,707	3,583	...	...	...	...
Nevada.....	5,004	705	...	...	...	...
Pacific.....	761,199	103,404	2,843	381	14,980	2,203
Washington.....	87,152	11,806	(1)	(1)	...	...
Oregon.....	60,358	8,062	1,130	(1)	(1)	(1)
California.....	613,689	83,536	2,685	352	(1)	(1)

¹Data withheld to avoid disclosure of individual company figures, or because delivered cost was less than \$100 thousand for the State.

Chemicals, Fuel Materials, and Rubber

This section includes data on materials primarily consumed by establishments classified in Major Group 28, "Chemicals and Allied Products," Major Group 29, "Petroleum and Coal Products," and Major Group 30, "Rubber and Miscellaneous Plastics Products." Comments on individual materials or groups of materials are shown below.

Fuels Converted to Other Fuel Forms

The Statistics in table 1A for coal represent the amounts carbonized at coke ovens (Industry 3312) and amounts consumed in fuel briquets and in packaged fuel (Industry 2999). The totals are less than those published by the Bureau of Mines, in the Minerals Yearbook, since the data compiled by that agency include information from all establishments including public utilities and other nonmanufacturing establishments.

The figures for crude petroleum represent consumption at petroleum refineries only. However, petroleum refineries account for practically all the United States consumption of crude petroleum. State data on crude petroleum consumption at refineries appear in the 1958 Census of Manufactures, Volume II, Industry Statistics, page 29A-23.

Fuels Consumed as Raw Materials

The figures shown in table 1B for coal, natural gas, fuel oil, and coke represent consumption by establishments classified only in the Chemicals and Allied Products, Major Group 28. However, these establishments account for practically all of the United States consumption of these fuels as raw materials. Because of the industry reclassifications resulting from the 1957 edition of the Standard Industrial Classification, particularly those affecting coke plants, the 1958 figures may not be directly comparable to the figures shown for 1954.

Sulfur, Native and Recovered

The totals for sulfur consumption shown in tables 1C and 2A are less than the "apparent consumption" figures published by the Bureau of Mines, Department of the Interior, because Census information was not requested from certain manufacturing establishments, principally those classified in "Rubber and Miscellaneous Plastics Products Industries," Major Group 30, the Match Industry (3983), and the Drugs Industry (Group 283).

Chemicals

Consumption data shown for the specified chemicals (tables 1D through 1J) represent a varying proportion of the United States total production (from 73 percent for ammonia and sodium hydroxide to 99 percent for sodium sulfate and nitric acid). The coverage for ammonia is relatively low because Census figures exclude quantities used for direct application to the soil. Coverage for sodium hydroxide (caustic soda) is low because information was not collected from plants classified in the textile, rubber reclaiming, vegetable oil refineries, and other miscellaneous industries.

In making any comparison of the quantity consumed with total supply of a specified chemical, account should be taken of the factors discussed in the Introduction to the materials consumption tables. Also consideration should be given to the variations in handling consumption data for inorganic chemicals produced and consumed in the same establishment. In some cases 1958 and 1954 data may not be directly comparable because the 1958 figures are based upon the Revised (1957) Standard Industrial Classification and the industries canvassed in 1958 may differ from those in 1954. For example, plants classified in Industry 2816, Inorganic Pigments, were not requested to report data for sulfuric acid purchased in 1958 but were so requested in 1954. The statistics showing "consumption" by industries indicate separately purchases or receipts from other establishments and the quantities produced and consumed, while the State and regional data do not in order to maximize the amount of geographical information published.

Rubber

The figures for natural, synthetic, and reclaimed rubber, shown in tables 1K and 2H, are limited to the quantities consumed by establishments classified in the specified industries. Estimates of total rubber consumption for all industries are published by Census in Current Industrial Reports Series M30A, "Rubber, Supply and Distribution for the United States." Based upon the 1958 figures shown in Series M30A, the establishments classified in the industries covered by the Census used approximately 93 percent of the total synthetic rubber, 97 percent of natural rubber, and almost all of the reclaimed rubber. The 1954 coverage ratios are higher.

SELECTED MATERIALS CONSUMED

7-31

Table 1A.—Purchased Fuels Converted to Other Fuel Forms by Specified Industries: 1958 and 1954

Code	Consuming industry	Anthracite (11111)		Bituminous coal and lignite (12111)		Crude petroleum					
						Total (131212 and 131222)		Domestic (131212)		Foreign (131222)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (1,000 barrels)	Delivered cost (\$1,000)	Quantity (1,000 barrels)	Delivered cost (\$1,000)	Quantity (1,000 barrels)	Delivered cost (\$1,000)
	Total.....	197,005	1,873	177,194	1,737,243	2,849,525	9,180,035	2,494,700	8,068,597	354,825	1,111,438
	1954..	423,839	2,982	84,835,113	757,805	2,499,295	7,638,890	2,288,773	6,995,841	210,522	643,049
2911	Petroleum refining.....	xxx	xxx	xxx	xxx	2,849,525	9,180,035	2,494,700	8,068,597	354,825	1,111,438
	1954..	xxx	xxx	xxx	xxx	2,499,295	7,638,890	2,288,773	6,995,841	210,522	643,049
2999	Petroleum and coal products, nec.....	197,005	1,873	883,250	6,054	xxx	xxx	xxx	xxx	xxx	xxx
	1954..	233,330	1,388	1,021,788	6,481	xxx	xxx	xxx	xxx	xxx	xxx
3312	Blast furnaces and steel mills.....	(¹)	(¹)	176,311,465	1731,189	xxx	xxx	xxx	xxx	xxx	xxx
	1954..	190,509	1,594	83,813,325	751,324	xxx	xxx	xxx	xxx	xxx	xxx

¹Figures for coal consumed by Industry 3312, not reported by type and classified as bituminous coal and lignite in 1958.

Table 1B.—Purchased Fuels Consumed as Raw Materials by Specified Industries: 1958 and 1954

Code	Consuming industry	Bituminous coal and lignite (12111)		Natural gas (13131)		Fuel oil (291131)		Coke (293211)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (million cu. ft.)	Delivered cost (\$1,000)	Quantity (42 gal. barrels)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	Total.....	425,018	2,269	1401,760	155,112	6,047,886	17,776	1,264,706	21,680
	1954..	181,942	754	338,101	33,734	3,960,389	11,003	1,860,356	26,628
2812	Alkalies and chlorine.....	(D)	(D)	(D)	(D)	...	...	312,823	6,018
	1954..	(D)	(D)	(D)	(D)	...	...	463,017	7,446
2815	Intermediate coal tar products.....	(D)	(D)	(D)	(D)	21,487	72	...	...
	1954..	(D)	(D)	(D)	(D)	142,240	379	(D)	(D)
2818	Organic chemicals, nec.....	(D)	(D)	79,917	15,169	152,648	691	223,023	3,213
	1954..	(D)	(D)	26,337	3,677	7,104	17	(D)	(D)
2819	Inorganic chemicals, nec.....	405,154	2,031	59,500	16,781	18,401	70	728,860	12,449
	1954..	154,508	547	56,811	12,046	28,121	58	1,078,782	13,989
2895	Carbon black ².....	...	...	202,735	17,069	5,855,350	16,943	...	...
	1954 ³..	...	...	251,617	17,516	3,782,924	10,549	...	...

¹Includes consumption for Industry 2821, Plastics Materials.

²The Bureau of Mines reports that 211,048 million cubic feet of natural gas valued at \$17,805 thousand and 251,057 thousand gallons of liquid hydrocarbons valued at \$15,689 thousand were used in manufacturing carbon black by the channel and furnace processes in 1958. The 1954 figures reported by that agency are 251,176 million cubic feet of natural gas valued at \$17,510 thousand and 154,919 thousand gallons of liquid hydrocarbons valued at \$10,320 thousand.

³Includes materials consumed in the production of carbon black, lamp black, and bone black.

D Withheld to avoid disclosing figures for individual companies.

Table 1C.—Sulfur (Native and Recovered) and Pyrites Consumed by Specified Industries: 1958 and 1954

Code	Consuming industry	Sulfur (147711)				Pyrites (147911)			
		1958		1954		1958		1954	
		Purchased quantity (long tons)	Delivered cost (\$1,000)	Purchased quantity (long tons)	Delivered cost (\$1,000)	Purchased quantity (long tons)	Delivered cost (\$1,000)	Purchased quantity (long tons)	Delivered cost (\$1,000)
	Total.....	3,649,924	111,819	3,596,015	(D)	552,141	5,331	562,587	(D)
2611	Pulp mills.....	110,882	8,107	399,650	15,583	xxx	xxx	xxx	xxx
2621	Paper mills, except building.....	219,641	7,825						
2631	Paperboard mills.....	42,873	1,535						
2815	Intermediate coal tar products.....	164,539	4,117	119,133	4,128	...	...	...	...
2818	Organic chemicals, nec.....	274,804	8,287	328,639	11,675	...	...	...	...
2819	Inorganic chemicals, nec.....	1,489,956	41,925	1,559,960	51,205	552,141	5,331	561,187	5,608
2871	Fertilizers.....	1,176,482	33,385	198,340	(D)	...	...	11,400	(D)
2872	Fertilizers, mixing only.....								
2873	Agricultural pesticides.....								
2911	Petroleum refining.....	96,279	3,060	145,018	4,697	xxx	xxx	xxx	xxx
	1954..	20,459	728	42,316	1,369	xxx	xxx	xxx	xxx
	All other industries.....	254,009	22,850	220,959	2,695	...	...	...	...

¹The cost for both the sulfur and the pyrites totaled \$30,844 thousand.

²Includes consumption by Industries 2661, Building Paper and Board Mills (1958); 2812, Alkalies and Chlorine (1958 and 1954); 2842, Polishes and Sanitation goods (1958); 2891, Glue and Gelatin (1958); 2899, Chemical preparations, nec (1958); and 2992, Lubricating Oils and Greases (1958).

D Withheld to avoid disclosing figures for individual companies.

MANUFACTURES—SUMMARY STATISTICS

Table 1D.—Sulfuric Acid (281111) Consumed by Specified Industries: 1958 and 1954

(Quantity figures in short tons of 100% H₂SO₄)

Code	Consuming industry	1958				1954			
		Total quantity	Purchased		Quantity produced and consumed	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (\$1,000)			Quantity	Delivered cost (\$1,000)	
	Total.....	12,867,976	6,192,010	127,160	16,675,966	12,402,114	6,327,043	131,205	16,075,071
2812	Alkalies and chlorine.....	32,065	32,065	809	...	23,269	23,269	571	...
2815	Intermediate coal tar products.....	429,593	118,415	3,568	311,178	517,961	209,878	4,895	308,083
2818	Organic chemicals, nec.....	795,773	483,665	10,277	312,108	610,122	428,078	9,134	182,044
2819	Inorganic chemicals, nec.....	2,127,693	1,176,490	23,187	951,203	1,933,645	752,889	16,231	1,180,756
2821	Plastics materials.....	(2)	260,191	5,612	(2)	174,934	174,934	4,062	...
2823	Cellulosic man-made fibers.....	484,386	484,386	10,075	...	541,873	541,873	12,107	...
2824	Organic fibers, noncellulosic.....	4,980	4,980	106	...	...	...	...	...
2871	Fertilizers.....	4,454,125	1,096,186	18,362	3,357,939	4,325,788	1,520,860	26,116	2,804,928
2872	Fertilizers, mixing only.....	87,720	43,952	1,075	43,768	365,824	92,990	2,116	272,834
2892	Explosives.....	1,765,749	1,421,605	30,014	344,144	1,433,493	1,087,884	23,677	345,609
2911	Petroleum refining.....	1,109,403	1,070,075	24,075	21,355,626	1,557,756	1,494,388	32,296	980,817
3312	Blast furnaces and steel mills.....	21,576,489	...	...	...	917,449	...	...	...
	All other industries ³.....	...	...	...	...	...	...	...	...

¹Represents total quantity of sulfuric acid produced and consumed, including quantities consumed by establishments classified in the mineral industries.

²For Industry 2821, Plastics Materials, quantity produced and consumed and total consumed may not be shown separately without disclosing figures of individual companies but are included with "all other industries."

³Includes quantities purchased or received for the following Industries: 2833, Medicinals and Botanicals; 2843, Surface Active Agents; 2873, Agricultural Pesticides; 2891, Glue and Gelatin; and 2992, Lubricating Oils and Greases. In addition, includes quantities produced and consumed by Industries: 2816, Inorganic Pigments; 2891, Glue and Gelatin; 3331, Primary Copper; 3332, Primary Lead; 3333, Primary Zinc; 3861, Photographic Equipment; and establishments classified in the mineral industries.

Table 1E.—Chlorine (281211) Consumed by Specified Industries: 1958 and 1954

(Quantity figures in short tons of 100% Cl₂)

Code	Consuming industry	1958				1954			
		Total quantity	Purchased		Quantity produced and consumed	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (\$1,000)			Quantity	Delivered cost (\$1,000)	
	Total.....	3,151,027	1,632,772	104,898	1,518,255	2,559,528	1,215,380	74,740	1,344,148
2611	Pulp mills.....	(D)	158,649	10,610	(D)	...	...	...	298,200
2621	Paper mills, except building.....	338,252	307,614	22,091	30,638	(D)	411,693	28,351	(D)
2631	Paperboard mills.....	(D)	114,204	8,183	(D)	...	...	...	205,194
2661	Building paper and board mills.....	(D)	(D)	(D)	(D)	...	...	...	652,711
2812	Alkalies and chlorine.....	287,815	(D)	(D)	(D)	298,200	...	...	115,207
2815	Intermediate coal tar products.....	144,074	(D)	(D)	(D)	253,307	48,113	3,002	(NA)
2818	Organic chemicals, nec.....	1,814,943	863,326	51,529	951,617	1,314,838	662,127	36,807	(NA)
2819	Inorganic chemicals, nec.....	268,787	85,168	6,209	183,619	208,654	93,447	6,580	(NA)
2841	Soap and other detergents.....	4,361	4,361	368	...	(NA)	(NA)	(NA)	(NA)
2842	Polishes and sanitation goods.....	239	239	21	...	(NA)	(NA)	(NA)	(NA)
	All other industries.....	11,313	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Includes consumption for the following Industries: 2046, Wet Corn Milling; 2641, Paper Coating and Glazing; 2821, Plastics Materials; and 2911, Petroleum Refining.

SELECTED MATERIALS CONSUMED

7-33

Table 1F.—Sodium Hydroxide (281221) Consumed by Specified Industries 1958 and 1954

(Quantity figures in short tons of 100% NaOH)

Code	Consuming industry	1958				1954			
		Total quantity	Purchased		Quantity produced and consumed	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (\$1,000)			Quantity	Delivered cost (\$1,000)	
	Total.....	2,928,174	2,001,726	126,663	926,448	2,431,757	1,785,234	104,364	646,523
2611	Pulp mills.....	(D)	192,854	11,343	(D)	283,573	232,714	13,580	50,859
2621	Paper mills, except building.....	(D)	154,201	10,074	(D)				
2631	Paperboard mills.....	(D)	107,533	6,166	(D)				
2661	Building paper and board mills.....	2,256	2,256	136	...				
2812	Alkalies and chlorine.....	139,310	...	...	139,310	103,288	...	...	103,288
2815	Intermediate coal tar products.....	132,361	(D)	(D)	(D)	(D)	91,003	5,802	(D)
2818	Organic chemicals, nec.....	889,498	(D)	(D)	(D)	489,317	212,872	11,561	276,445
2819	Inorganic chemicals, nec.....	321,170	273,990	15,420	47,180	294,063	238,432	12,145	55,631
2821	Plastics materials.....	158,009	158,009	10,182	...	139,543	139,543	8,755	...
2823	Cellulosic man-made fibers.....	295,487	295,487	19,127	...	380,071	380,071	22,147	...
2824	Organic fibers, noncellulosic.....	(D)	(D)	(¹)	...				
2841	Soap and other detergents.....	225,264	225,264	16,787	...				
2842	Polishes and sanitation goods.....	13,403	13,403	1,357	...				
2911	Petroleum refining.....	(D)	210,199	13,564	(D)	(D)	258,745	15,015	(D)
2992	Lubricating oils and greases.....	3,535	3,535	285	...	2,090	2,090	149	...
	All other industries.....	² 17,252	² 17,252	² 1,432	...	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Quantity and delivered cost of sodium hydroxide consumed by Industry 2824 in 1958 is included with "all other industries."

²Includes consumption of sodium hydroxide for the following Industries: 2641, Paper Coating and Glazing; 2824, Organic Fibers, Noncellulosic; 2843, Surface Active Agents; 2852, Putty and Caulking Compounds; 2861, Gum and Wood Chemicals; 2873, Agricultural Pesticides; and 2899, Chemical Preparations, NEC.

Table 1G.—Sodium Carbonate (281231) Consumed by Specified Industries: 1958 and 1954

(Quantity figures in short tons of 58% Na₂O)

Code	Consuming industry	1958				1954			
		Total quantity ¹	Purchased		Quantity produced and consumed	Total quantity ¹	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (\$1,000)			Quantity	Delivered cost (\$1,000)	
	Total.....	4,169,033	3,387,942	123,976	781,091	4,261,740	3,314,861	112,004	946,879
2611	Pulp mills.....	(D)	(D)	(D)	...	240,207	240,207	8,280	...
2621	Paper mills, except building.....	116,046	116,046	4,725	...				
2631	Paperboard mills.....	145,247	145,247	5,988	...				
2661	Building paper and board mills.....	(D)	(D)	(D)	...				
2812	Alkalies and chlorine.....	844,371	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2815	Intermediate coal tar products.....	32,508	32,508	1,377	...	36,514	36,514	1,507	...
2818	Organic chemicals, nec.....	38,835	(D)	(D)	(D)	35,125	35,125	1,259	...
2819	Inorganic chemicals, nec.....	1,207,593	1,207,593	43,967	...	(D)	² 1,178,219	² 38,776	(D)
2841	Soap and other detergents.....	112,159	112,159	4,463	...	256,091	256,091	7,987	...
2842	Polishes and sanitation goods.....	1,700	1,700	77	...				
3211	Flat glass.....	248,348	248,348	9,096	...				
3221	Glass containers.....	1,258,695	1,258,695	44,711	...				
3229	Pressed and blown glass, nec.....	124,801	124,801	4,618	...	142,839	142,839	4,872	...
	All other industries.....	³ 13,386	³ 13,386	³ 530	...	(NA)	(NA)	(NA)	...

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Includes data for liquid ash.

²Excludes soda ash consumed by plants classified in old Industry 2811, Sulfuric Acid.

³Includes consumption of sodium carbonate for the following Industries: 2641, Paper Coating and Glazing; 2843, Surface Active Agents; 2852, Putty and Caulking Compounds; 2899, Chemical Preparations, NEC; 3231, Products of Purchased Glass; and 3461, Metal Stampings.

MANUFACTURES—SUMMARY STATISTICS

Table 1H.—Ammonia (281931) Consumed by Specified Industries: 1958 and 1954

(Quantity figures in short tons of 100% NH₃)

Code	Consuming industry	1958				1954			
		Total quantity	Purchased		Quantity produced and consumed	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (\$1,000)			Quantity	Delivered cost (\$1,000)	
	Total.....	2,827,094	762,896	62,311	¹ 2,064,198	2,008,610	684,312	64,379	¹ 1,324,298
2812	Alkalies and chlorine.....	53,893	18,340	1,868	35,553	24,300	22,624	2,339	1,676
2815	Intermediate coal tar products.....	87,485	87,485	6,285	...	(D)	58,681	5,579	(D)
2818	Organic chemicals, nec.....	525,339	141,069	11,560	384,270	(D)	82,036	7,973	(D)
2819	Inorganic chemicals, nec.....	1,731,592	196,375	15,033	1,535,217	1,334,502	166,414	14,827	1,168,088
2871	Fertilizers.....	254,963	254,963	21,712	...	208,735	208,735	19,439	...
2872	Fertilizers, mixing only.....								
2892	Explosives.....	173,824	64,666	5,853	109,158	145,822	145,822	14,222	...
	Other industries ²								

D Withheld to avoid disclosing figures for individual companies.

¹Represents total quantity of anhydrous ammonia produced and consumed, including quantities consumed by the Tennessee Valley Authority.²Includes consumption for the following Industries: 2841, Soap and Other Detergents; 2911, Petroleum Refining; 3312, Blast Furnaces and Steel Mills; and the Tennessee Valley Authority.

Table 1I.—Nitric Acid (281925) Consumed by Specified Industries: 1958 and 1954

(Quantity figures in short tons of 100% HNO₃)

Code	Consuming industry	1958				1954			
		Total quantity	Purchased		Quantity produced and consumed	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (\$1,000)			Quantity	Delivered cost (\$1,000)	
	Total.....	2,685,222	169,686	11,398	¹ 2,515,536	2,062,848	62,465	(NA)	¹ 2,000,385
2815	Intermediate coal tar products.....	168,425	21,001	1,797	147,424	(D)	(D)	(NA)	(D)
2819	Inorganic chemicals, nec.....	1,768,705	24,082	1,389	1,744,623	(NA)	(D)	(NA)	1,392,099
2892	Explosives.....	135,845	12,532	1,132	123,313	429,307	27,260	2,032	402,047
2818	Organic chemicals, nec.....	238,580	112,071	7,080	500,176	(NA)	(NA)	(NA)	206,237
	All other industries ²	373,667							

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Represents total quantity of nitric acid produced and consumed, including quantities consumed by the Tennessee Valley Authority.²Includes quantities consumed for the following Industries: 2812, Alkalies and Chlorine; 2824, Organic Fibers, Noncellulosic; 2841, Soap and Other Detergents; 2843, Surface Active Agents; 2911, Petroleum Refining; 3312, Blast Furnaces and Steel Mills; and the Tennessee Valley Authority.

Table 1J.—Sodium Sulfate (281971) Consumed by Specified Industries: 1958 and 1954

Code	Consuming industry	1958		1954	
		Purchased quantity (short tons)	Delivered cost (\$1,000)	Purchased quantity (short tons)	Delivered cost (\$1,000)
	Total.....	936,738	31,519	¹ 780,739	¹ 20,862
2611	Pulp mills.....	118,772	4,380	716,761	19,037
2621	Paper mills, except building.....	381,989	12,546		
2631	Paperboard mills.....	367,305	12,130		
2661	Building paper and board mills.....	7,309	281		
2641	Paper coating and glazing.....	49,275	1,719	50,073	1,405
3211	Flat glass.....				
3221	Glass containers.....				
3229	Pressed and blown glass, nec.....	10,177	362	8,871	278
		1,911	101	2,784	92

¹In addition to the industries listed, includes 2,250 short tons of sodium sulfate purchased at a cost of \$50 thousand by establishments classified in the synthetic fibers industries (old SIC code 2825).

Table 1K.—Purchased Rubber Consumed by Specified Industries: 1958 and 1954

Code	Industry	Natural rubber (086111)				Synthetic rubber (282410)			
		1958		1954		1958		1954	
		Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)
	Total.....	467,646	292,617	590,615	296,267	819,608	440,124	623,293	336,277
3011	Tires and inner tubes.....	316,147	187,419	400,990	187,908	¹ 552,252	² 264,790	380,249	193,137
3021	Rubber footwear.....	18,619	11,604	19,383	9,879	6,942	3,992	3,981	2,375
3031	Reclaimed rubber.....	129,349	90,965	165,986	96,058	221,834	141,931	208,376	118,457
3069	Fabricated rubber products, nec.....								
3357	Nonferrous wire drawing, etc. ²	3,531	2,629	4,256	2,422	38,580	29,411	30,687	22,308
Reclaimed rubber (303111)									
1958					1954				
Total quantity (long tons)		Purchased		Quantity produced and consumed (long tons)	Total quantity (long tons)	Purchased		Quantity produced and consumed (long tons)	
		Quantity (long tons)	Delivered cost (\$1,000)			Quantity (long tons)	Delivered cost (\$1,000)		
	Total.....	247,833	208,117	45,385	39,716	261,300	228,459	44,152	32,841
3011	Tires and inner tubes.....	153,118	(D)	30,667	(D)	141,885	125,175	24,514	16,710
3021	Rubber footwear.....	1,501	...	348	...	1,412	855	197	557
3031	Reclaimed rubber.....	93,214	(D)	14,370	(D)	117,404	101,830	19,304	15,574
3069	Fabricated rubber products, nec.....								
3357	Nonferrous wire drawing, etc.....	(NA)	(NA)	(NA)	(NA)	³ 599	³ 599	³ 137	(NA)

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Quantity includes less than 2 percent produced and consumed in the same establishment. No associated value is shown in the "Delivered cost" column.²In Current Industrial Reports, Series M30A, rubber consumption in the Wire and Cable Industry during 1958 was reported as 2,076 long tons of natural rubber and 34,517 long tons of synthetic rubber. The additional quantities shown in this table are primarily attributable to inclusion of purchased compounded rubber which is excluded in the M30A Series.³Represents data for Industry 3392, Wire Drawing. Data for Industry 3631, Insulated Wire and Cable may not be shown without disclosing figures for individual companies. The statistics for this industry amount to less than 1 percent of the grand total.

MANUFACTURES—SUMMARY STATISTICS

Table 2A.—Sulfur (Native and Recovered) (147711) Consumed by Divisions: 1958

Division and State ¹	Quantity purchased (long tons)	Delivered cost (\$1,000)	Division and State ¹	Quantity purchased (long tons)	Delivered cost (\$1,000)
United States, total.....	3,649,924	111,819	South Atlantic.....	1,208,466	34,107
New England.....	82,352	2,786	Maryland.....	197,780	5,401
Maine.....	66,324	2,218	Virginia.....	157,660	4,892
Middle Atlantic.....	410,637	17,866	West Virginia.....	89,006	2,515
New York.....	109,315	3,430	North Carolina.....	50,726	1,784
New Jersey.....	242,006	7,054	Georgia.....	61,947	1,915
Pennsylvania.....	59,316	7,382	Florida.....	607,511	16,257
East North Central.....	778,328	23,315	East South Central.....	192,162	5,693
Ohio.....	185,113	5,938	Tennessee.....	41,889	1,290
Indiana.....	111,754	3,121	Alabama.....	98,625	2,972
Illinois.....	324,874	9,052	West South Central.....	585,489	14,736
Michigan.....	94,324	3,039	Louisiana.....	125,134	3,512
Wisconsin.....	62,263	2,165	Texas.....	388,886	9,270
West North Central.....	70,679	2,311	Mountain.....	4,701	164
Iowa.....	24,845	806	Pacific.....	317,110	10,841
			Washington.....	118,262	4,346
			Oregon.....	30,509	1,128
			California.....	168,339	5,367

¹In addition, quantities of sulfur were consumed in the following States, for which data could not be shown without disclosing figures for individual companies: New Hampshire, Massachusetts, Connecticut, Minnesota, Missouri, North Dakota, Kansas, Delaware, South Carolina, Kentucky, Mississippi, Arkansas, Oklahoma, Wyoming, Colorado, and Arizona.

Table 2B.—Sulfuric Acid (281111) Consumed by Divisions and States: 1958 and 1954

Division and State ¹	Quantity (short tons of 100% H ₂ SO ₄)		Division and State ¹	Quantity (short tons of 100% H ₂ SO ₄)	
	1958	1954		1958	1954
United States, total.....	12,867,976	12,402,114	South Atlantic.....	3,710,088	3,707,442
New England.....	140,439	118,897	Maryland.....	391,643	858,486
Massachusetts.....	88,504	75,709	Virginia.....	446,106	462,262
Rhode Island.....	1,418	(D)	West Virginia.....	182,657	184,233
Middle Atlantic.....	1,820,305	1,836,682	North Carolina.....	194,413	226,116
New York.....	164,337	158,599	Georgia.....	388,317	291,987
New Jersey.....	1,076,803	1,311,015	Florida.....	1,814,219	1,211,764
Pennsylvania.....	579,165	367,068	East South Central.....	820,760	802,674
East North Central.....	2,133,235	2,493,684	Kentucky.....	81,253	71,328
Ohio.....	594,586	705,778	Tennessee.....	345,266	371,951
Indiana.....	424,267	318,675	Alabama.....	299,157	288,443
Illinois.....	865,722	1,203,300	Mississippi.....	95,084	70,972
Michigan.....	176,201	200,848	West South Central.....	2,344,090	2,100,526
Wisconsin.....	72,459	65,083	Louisiana.....	536,047	519,244
West North Central.....	674,600	538,455	Texas.....	1,609,619	1,363,031
Minnesota.....	21,724	(D)	Mountain.....	573,541	(NA)
Iowa.....	98,193	75,835	Wyoming.....	9,890	12,885
Missouri.....	543,606	422,053	Colorado.....	13,387	17,233
			Arizona.....	47,833	(D)
			Utah.....	155,368	57,803
			Pacific.....	650,918	(NA)
			California.....	612,800	564,832

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹In addition, quantities of sulfuric acid were consumed in the following States, for which data could not be shown without disclosing figures for individual companies: Maine, Connecticut, North Dakota, Nebraska, Kansas, Delaware, South Carolina, Arkansas, Oklahoma, Montana, Idaho, New Mexico, Nevada, Washington, and Oregon.

Table 2C.—Chlorine (281211) Consumed by Divisions and States: 1958 and 1954

Division and State ¹	Quantity (short tons of 100% Cl ₂)		Division and State ¹	Quantity (short tons of 100% Cl ₂)	
	1958	1954		1958	1954
United States, total.....	3,151,027	2,559,528	West North Central.....	16,822	23,332
New England.....	37,819	46,571	South.....	1,931,862	1,461,953
Maine.....	19,032	25,781	Virginia.....	28,710	22,034
Massachusetts.....	6,246	5,219	West Virginia.....	227,347	(D)
Middle Atlantic.....	349,114	332,177	North Carolina.....	27,846	35,069
New York.....	274,048	265,099	Georgia.....	40,052	20,601
New Jersey.....	33,030	34,855	Florida.....	25,278	11,680
Pennsylvania.....	42,036	32,223	Kentucky.....	191,269	120,166
East North Central.....	480,263	458,992	Tennessee.....	19,534	14,947
Ohio.....	133,144	60,956	Alabama.....	71,608	36,733
Illinois.....	63,316	65,779	Louisiana.....	168,979	118,025
Michigan.....	235,299	281,623	Texas.....	1,085,422	854,556
Wisconsin.....	48,504	50,580	West.....	335,147	236,503
			Washington.....	152,088	115,914
			California.....	83,329	67,135

¹ D Withheld to avoid disclosing figures for individual companies.

² In addition, quantities of chlorine were consumed in the following States for which data could not be shown without disclosing figures for individual companies: New Hampshire, Vermont (1958), Rhode Island, Connecticut, Minnesota, Iowa, Missouri, Nebraska (1958), Kansas, Delaware (1958), Maryland, South Carolina, Mississippi, Arkansas, Oklahoma, Idaho, Colorado, Arizona (1958), Nevada, and Oregon.

Table 2D.—Sodium Hydroxide (281221) Consumed by Divisions and States: 1958 and 1954

Division and State ¹	Quantity (short tons of 100% NaOH)		Division and State ¹	Quantity (short tons of 100% NaOH)	
	1958	1954		1958	1954
United States, total.....	2,928,174	2,431,757	South Atlantic.....	421,107	408,013
New England.....	76,762	74,315	Delaware.....	6,132	6,315
Maine.....	22,864	22,718	Maryland.....	21,245	20,833
Massachusetts.....	26,691	20,896	Virginia.....	158,600	168,205
Connecticut.....	11,705	11,087	West Virginia.....	96,737	102,530
Middle Atlantic.....	308,173	330,760	North Carolina.....	73,889	63,653
New York.....	115,419	118,420	South Carolina.....	1,538	2,982
New Jersey.....	107,404	135,050	Georgia.....	35,477	17,260
Pennsylvania.....	85,350	77,290	Florida.....	27,489	26,235
East North Central.....	492,976	465,632	East South Central.....	222,617	237,275
Ohio.....	102,481	91,151	Kentucky.....	(D)	11,823
Indiana.....	30,211	29,701	Tennessee.....	117,266	109,438
Illinois.....	161,022	134,563	Alabama.....	74,918	80,467
Michigan.....	183,465	200,380	Mississippi.....	(D)	35,547
Wisconsin.....	15,797	9,837	West South Central.....	997,238	641,081
West North Central.....	67,716	50,849	Arkansas.....	17,319	8,690
Minnesota.....	(D)	2,891	Louisiana.....	196,397	116,989
Missouri.....	22,718	14,853	Oklahoma.....	5,638	5,274
Kansas.....	15,230	10,452	Texas.....	777,884	510,128
			West.....	341,585	223,832
			Montana.....	(D)	1,468
			Wyoming.....	763	1,611
			Colorado.....	1,308	(D)
			Utah.....	1,106	1,586
			Washington.....	112,402	63,007
			Oregon.....	(D)	8,180
			California.....	134,085	126,219

¹ D Withheld to avoid disclosing figures for individual companies.

² In addition, quantities of sodium hydroxide were consumed in the following States for which data could not be shown without disclosing figures for individual companies: New Hampshire, Vermont, Rhode Island, Iowa, North Dakota, Nebraska (1954), Idaho, New Mexico, and Nevada.

MANUFACTURES—SUMMARY STATISTICS

Table 2E.—Sodium Carbonate (281231) Consumed by Divisions and States: 1958 and 1954

Division and State ²	Quantity (short tons of 58% Na ₂ O) ¹		Division and State ²	Quantity (short tons of 58% Na ₂ O) ¹	
	1958	1954		1958	1954
United States, total.....	4,169,033	4,261,740	South Atlantic.....	633,256	(D)
New England.....	62,440	71,154	Maryland.....	77,383	69,581
Massachusetts.....	25,847	23,637	Virginia.....	192,590	298,430
Connecticut.....	3,079	736	West Virginia.....	211,944	260,097
Middle Atlantic.....	1,141,380	1,049,926	South Carolina.....	45,457	42,491
New York.....	391,539	366,829	Georgia.....	45,632	11,294
New Jersey.....	411,613	333,383	Florida.....	8,909	1,057
Pennsylvania.....	338,228	349,714	East South Central.....	141,972	(D)
East North Central.....	1,273,121	1,318,412	Tennessee.....	48,078	35,174
Ohio.....	332,635	331,347	West South Central.....	499,022	560,378
Indiana.....	213,073	177,208	Arkansas.....	69,904	139,468
Illinois.....	395,235	421,639	Louisiana.....	257,608	278,034
Michigan.....	307,543	376,023	Oklahoma.....	56,997	64,891
Wisconsin.....	24,635	12,195	Texas.....	114,513	77,985
West North Central.....	115,982	156,174	West.....	301,860	247,073
Minnesota.....	7,284	12,211	California.....	280,391	237,142
Missouri.....	62,253	81,834			

D Withheld to avoid disclosing figures for individual companies.

¹Including liquid ash.

²In addition, quantities of sodium carbonate (soda ash) were consumed in the following States for which data could not be shown without disclosing figures for individual companies: Maine, New Hampshire, Rhode Island (1958), Iowa, Nebraska (1954), Kansas, Delaware, North Carolina, Kentucky, Alabama, Mississippi, Colorado, Arizona (1958), Utah, Washington, and Oregon.

Table 2F.—Ammonia (281931) Consumed by Divisions and States: 1958 and 1954

Division and State ¹	Quantity (short tons of 100% NH ₃)		Division and State ¹	Quantity (short tons of 100% NH ₃)	
	1958	1954		1958	1954
United States, total.....	2,827,094	2,008,610	South.....	1,627,463	1,148,877
Northeast.....	154,053	145,103	Maryland.....	6,880	32,984
New York.....	27,688	35,404	North Carolina.....	3,820	9,475
New Jersey.....	85,899	75,285	South Carolina.....	1,725	3,862
East North Central.....	420,462	365,310	Georgia.....	72,655	6,930
Indiana.....	37,824	11,985	Florida.....	48,834	2,860
Illinois.....	72,542	64,765	Tennessee.....	57,679	31,854
Michigan.....	20,392	20,304	Alabama.....	77,135	7,450
West North Central.....	412,322	209,461	Louisiana.....	245,351	132,971
Iowa.....	7,709	5,265	Texas.....	352,408	267,198
Missouri.....	96,947	19,691	West.....	212,794	139,859
			Washington.....	12,935	15,647
			California.....	164,925	113,754

¹In addition, quantities of anhydrous ammonia were consumed in the following States for which data could not be shown without disclosing figures for individual companies: Maine, Massachusetts, Connecticut, Pennsylvania, Ohio, Wisconsin, Minnesota, South Dakota (1958), Nebraska, Kansas, Delaware, Virginia, West Virginia, Kentucky, Mississippi, Arkansas, Oklahoma, Montana, Colorado, Arizona, Utah, Nevada (1958), and Oregon.

Table 2G.—Sodium Sulfate (281971) Consumed by Divisions and States: 1958

Division and State ¹	Purchased quantity (short tons)	Delivered cost (\$1,000)	Division and State ¹	Purchased quantity (short tons)	Delivered cost (\$1,000)
United States, total.....	936,738	31,519	South Atlantic.....	455,508	15,285
New England.....	20,132	776	Virginia.....	42,285	1,297
Middle Atlantic.....	18,031	697	West Virginia.....	8,799	288
Pennsylvania.....	13,140	518	North Carolina.....	76,469	2,461
East North Central.....	47,122	1,652	Georgia.....	124,146	4,470
Ohio.....	14,816	543	Florida.....	154,779	4,932
Indiana.....	3,763	131	East South Central.....	120,161	3,923
Wisconsin.....	17,013	573	Alabama.....	54,433	1,788
West North Central.....	11,519	400	West South Central.....	147,684	4,907
			Arkansas.....	39,821	1,484
			Louisiana.....	81,591	2,569
			Oklahoma.....	3,027	108
			Texas.....	23,245	746
			West.....	116,581	3,879
			Washington.....	53,590	1,788
			Oregon.....	16,425	525

¹In addition, quantities of sodium sulfate were consumed in the following States, for which data could not be shown without disclosing figures for individual companies: Maine, New Hampshire, Rhode Island, Connecticut, New York, New Jersey, Illinois, Michigan, Minnesota, Iowa, Maryland, South Carolina, Kentucky, Tennessee, Mississippi, Montana, Idaho, and California.

Table 2H.—Purchased Rubber Consumed in the Rubber Products Industry Group by Divisions and States:
1958 and 1954

Division and State	Natural rubber (086111)				Synthetic rubber (282410)				Reclaimed rubber (303111)			
	1958		1954		1958		1954		1958		1954	
	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)
United States, total ¹	464,115	289,988	586,359	293,845	2781,028	2410,713	592,606	313,969	247,833	245,385	227,860	44,016
New England ²	64,872	43,151	81,022	45,274	92,359	53,199	74,812	41,227	23,428	4,234	18,813	3,619
New Hampshire.....	814	532	(D)	(D)	1,438	860	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts.....	34,355	22,672	47,784	26,870	62,561	34,946	54,150	29,150	18,000	3,000	13,677	2,680
Rhode Island.....	7,209	5,534	8,725	5,656	2,618	1,845	1,817	1,216	(D)	(D)	14	3
Connecticut.....	21,807	14,046	22,755	11,932	22,244	14,035	14,490	8,640	3,644	931	3,407	738
Middle Atlantic.....	52,441	34,868	67,385	35,216	93,998	52,778	72,933	41,417	27,746	4,957	23,080	4,768
New York.....	15,073	10,810	20,748	12,253	19,455	11,557	12,828	8,048	6,067	1,453	4,317	914
New Jersey.....	12,760	9,217	12,577	7,002	14,566	10,560	13,743	9,271	3,979	921	5,269	1,193
Pennsylvania.....	24,608	14,841	34,060	15,961	59,977	30,661	46,362	24,098	17,700	2,583	13,494	2,661
East North Central...	186,630	114,996	252,695	125,938	266,169	138,121	223,259	117,357	120,028	22,181	124,482	24,048
Ohio.....	130,473	79,663	155,528	77,321	160,169	83,116	128,281	69,440	73,044	12,633	75,153	13,529
Indiana.....	8,775	5,646	18,204	10,040	25,403	14,991	26,919	15,505	11,730	1,939	9,298	1,856
Illinois.....	3,590	2,312	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Michigan.....	31,021	19,203	53,248	25,420	47,180	22,467	41,627	21,302	21,453	4,690	26,637	5,790
Wisconsin.....	12,771	8,172	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West North Central ³ ..	29,678	16,974	28,627	13,204	54,563	24,890	33,637	17,070	16,845	3,614	13,025	2,225
Minnesota.....	972	608	(D)	(D)	1,060	830	(D)	(D)	(D)	(D)	(D)	(D)
Iowa.....	14,819	8,692	14,109	6,367	29,772	13,410	(D)	(D)	10,143	2,347	(D)	(D)
Missouri.....	759	556	(D)	(D)	3,692	2,153	1,854	1,124	1,239	248	(D)	(D)
South Atlantic ⁵	25,129	15,808	21,095	10,604	50,901	27,506	29,686	16,009	7,989	1,690	6,650	1,396
Maryland.....	14,543	8,266	16,514	7,686	26,215	12,635	18,711	9,874	5,025	1,139	4,038	681
Virginia.....	2,198	1,369	(D)	(D)	2,709	2,066	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia.....	...	...	(D)	(D)	2,267	1,205	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina.....	2,922	2,173	(D)	(D)	7,318	4,544	(D)	(D)	(D)	(D)	(D)	(D)
Georgia.....	5,220	3,830	1,905	1,336	10,417	5,418	(D)	(D)	(D)	(D)	(D)	(D)
East South Central ⁵ ..	40,539	23,192	50,850	22,725	91,235	45,528	66,265	34,097	17,436	2,553	12,779	2,331
Tennessee.....	16,007	9,791	19,338	8,765	25,172	13,020	20,727	10,662	4,402	896	6,213	996
Alabama.....	20,362	11,175	(D)	(D)	57,345	27,128	37,970	19,564	9,639	889	(D)	(D)
West South Central ⁵ ..	20,756	13,385	24,930	11,593	45,916	23,499	24,062	11,116	9,364	1,952	9,437	1,618
Texas.....	10,202	6,995	(D)	(D)	24,702	12,375	(D)	(D)	3,255	740	(D)	(D)
West ⁵	44,070	27,614	59,755	29,294	85,887	45,192	67,952	35,679	24,997	4,204	19,594	4,011
California.....	36,281	22,317	51,956	25,603	66,558	34,437	55,290	28,761	(D)	(D)	19,327	3,934

¹ Withheld to avoid disclosing figures for individual companies.² Excludes rubber consumption reported in Industry 3357, Nonferrous Wire Drawing, Etc. Amounts consumed by Industry 3357, distributed by region, are as follows:

Region	Natural rubber				Synthetic rubber			
	1958		1954		1958		1954	
	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)	Quantity (long tons)	Delivered cost (\$1,000)
United States, total.....	3,531	2,629	4,256	2,422	38,580	29,411	30,687	22,308
New England.....	1,232	916	2,007	1,081	12,397	9,454	9,088	6,944
Middle Atlantic.....	1,711	1,292	1,364	838	11,301	8,363	9,877	6,740
North Central.....	527	378	783	440	6,417	4,450	5,814	4,199
South and West.....	61	43	102	63	8,465	7,144	5,908	4,425

³ Includes less than 1 percent synthetic rubber produced and consumed in the same establishment. Value of this rubber is not reflected in the "Delivered cost" column.⁴ Includes 39,716 long tons of reclaimed rubber produced and consumed in the same establishment. Of this total, 4,924 tons were in New England and 17,780 tons in East North Central. Value of this reclaimed rubber is not reflected in the "Delivered cost" column.⁵ Excludes 32,841 long tons of reclaimed rubber consumed in establishments producing reclaimed rubber.⁶ In addition, both in 1958 and in 1954, quantities of rubber were consumed by plants located in the following States for which data could not be shown without disclosing figures for individual companies: Maine, Vermont, Nebraska, Kansas, Delaware, South Carolina, Florida, Kentucky, Mississippi, Arkansas, Oklahoma, Colorado, Utah, Washington, and Oregon.

Metals

This section presents data on the consumption of selected metal mill shapes and forms, forgings, foundry products, refinery shapes and scrap.

Mill Shapes, Castings and Forgings

The materials used by the metal fabricating industries in producing machinery, automobiles, and thousands of other products consist primarily of metal mill shapes and forms, castings and forgings. The tables which follow show the consumption, in terms of cost and quantity of the most important of these metals, namely—iron and steel, aluminum and aluminum-base alloys, and copper and copper-base alloys. No data are available for copper and copper-base alloy forgings.

The steel mill shapes are shown separately for three grades of steel, carbon, alloy, and stainless. Carbon steel is subdivided into six shapes, alloy steel into two shapes, while stainless steel is shown in total only.

The aluminum and copper mill shapes are also subdivided as follows: aluminum and aluminum-base alloy sheet, plate and foil, and all other aluminum mill shapes; copper and copper-base alloy bare wire for electrical conduction, and all other brass mill shapes, except insulated wire and cable.

Forgings are shown separately for iron and steel and aluminum and aluminum-base alloy. For castings, consumption data are shown separately for iron, steel, aluminum and aluminum-base alloy, and copper and copper-base alloy.

Pig Iron, Nonferrous Refinery Shapes and Scrap

Consumption of materials by the primary metal industries is represented in the tables in this section by seven commodities; pig iron and iron and steel scrap (except home scrap), aluminum and aluminum-base alloy refinery shapes and scrap (except home scrap), copper and copper-base alloy refinery shapes and scrap (except home scrap), and zinc and zinc-base alloy refinery shapes. Consumption of these materials is also reported by metal fabricators which operate foundry departments or other activities involving such consumption.

There is a certain degree of duplication in the consumption of the refinery shapes, which stems from the fact that secondary smelters and refiners consume unalloyed metal refinery shapes in order to produce alloy ingots. The consumption of refinery shapes by secondary smelters and refiners is shown separately in the distribution by industry.

Industry Coverage

The tables on consumption by industry include data for approximately 100 metal-fabricating industries. These represent all significant users of metal in manufacturing, and are covered by Major Group 34, "Fabricated Metal Products," through Major Group 37, "Transportation Equipment," and several additional miscellaneous industries, including Major Group 25, "Furniture and Fixtures."

Although there were other metal consuming industries, such as "Safes and Vaults" and "Fabricated Metal Products, NEC" from which consumption data were either not collected or the quantities reported failed publication standards, the omission of these industries affects coverage only slightly.

To relieve very small metal consumers from reporting amounts negligible in terms of total consumption, a minimum usage requirement was established. Expenditures of less than \$5,000 for each shape or form were exempt from reporting both in terms of cost and quantity. It is estimated that the use of this minimum reporting requirement on the coverage of these materials would not as a maximum equal 2 percent of total manufacturing consumption.

When comparing consumption data with production figures, it should be noted that the consumption data cover manufacturing industries only. Consumption of these metal shapes in construction, mining, farm uses, construction and maintenance of power lines, and in other nonmanufacturing areas, such as export, is not covered.

Mill Shapes, Castings, and Forgings Produced and Consumed

Mill Shapes and Castings.—Total consumption of mill shapes and forms, castings, and

forgings in the manufacture of fabricated products must necessarily include the tonnages used by metal mills and foundries in their manufacture of fabricated products within the same establishment. These data on mill shapes and castings produced and consumed within the same establishment were obtained and are reported in quantity terms only. In the table on the consumption of steel mill shapes by States (table 2A) these data for the metal producing establishments are shown in a column separate from the fabricating industries data. For copper and aluminum mill shapes and for all castings and forgings the State tables are limited to purchased materials. The consumption data on these items reported by producing establishments could not be shown either because of disclosure or because reporting was incomplete for some industries.

Forgings.—To avoid duplication, data showing the consumption of iron and steel forgings are excluded from the totals for steel consumption since the quantities of forging stock, ingots, billets, and bars, used by the forging plants, are included in steel mill shapes and forms consumed. For this reason establishments in Industry 3391, "Iron and Steel Forgings" are classified as metal fabricators in table 1A rather than as producers of primary metals. Data for aluminum and aluminum-base alloy forgings however, should be included in the total nonferrous metal consumption because no consumption data are available for Industry 3392, "Nonferrous Forgings."

Definition of Metal Mill Shapes and Forms

Although the inquiry on metals consumed on the 1958 census schedules did not include a definition of the metal shapes specified, the metal fabricating companies' familiarity with the terms and their meaning provided a high degree of uniformity in reporting. The term "bars and bar shapes" appearing in the tables showing steel consumption, includes hot-rolled and cold-finished bars, and tool-steel bars; "sheet and strip" includes hot- and cold-rolled, galvanized, and long ternes, but excludes tin plate, terne plate, and black plate; "wire and wire products" includes plain, galvanized, and other coated wire, as well as nails and spikes and the like;

"all other carbon steel mill shapes and forms" includes ingots, billets, wire rods, concrete reinforcing bars, tin plate, terne plate, black plate, pipe, tubing, and rails, but not forgings or materials fabricated beyond the steel mill level.

The terms copper and copper-base alloy and aluminum rolled, drawn, and extruded shapes are similar to the steel mill products listed above, i.e., sheets, bars, tubing, wire, etc. They do not include wire bars, ingots, or other unrolled forms of copper or aluminum.

The data for bare copper wire in the 1958 Census were limited to wire for electrical conduction. Data for non-electrical copper wire were included in "all other mill shapes." In the 1954 Census the data for bare wire included both electrical and non-electrical copper wire. Accordingly, these data in the two Censuses are not comparable.

The castings (iron and steel, etc.) reported are only those in the rough and semifinished forms in which they are usually received from foundries. Castings, which had undergone extensive machining or other operations prior to their receipt at the consuming establishment, were considered as fabricated products rather than rough castings, and are not included in these data. However, such castings are reported as consumed by the establishments performing the machining operations.

Comparable data for the year 1954 are available on pages 33-50 of Chapter 210, Volume I, Summary Statistics, 1954 Census of Manufactures.

The following differences should be noted between the 1954 and 1958 Censuses:

1. The 1958 Census was conducted on the basis of the 1957 edition of the Standard Industrial Classification Manual whereas the 1954 Census was conducted on the basis of the 1945 SIC manual.
2. No 1954 data are available for forgings, pig iron, and iron and steel or zinc scrap.
3. Aluminum and aluminum-base alloy mill shapes were published as a single item in 1954.

MANUFACTURES—SUMMARY STATISTICS

Table 1A.—Consumption of Steel Mill Shapes and Forms by

Code	Major group, industry group or industry	Total		Carbon steel							
				Total		Bars and bar shapes (except concrete reinforcing bars) (331211 and 331243)		Sheet and strip (331212)		Plates (331213)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	Metal producing and fabricating industries, total.....	47,273,501	xxx	44,002,792	xxx	5,362,963	xxx	18,583,011	xxx	4,989,079	xxx
	Primary metal industries, total ³	2,505,532	xxx	2,123,304	xxx	468,368	xxx	533,426	xxx	151,508	xxx
	Metal fabricating industries, ⁴ total.....	44,767,969	8,198,568	41,879,488	6,904,391	4,894,595	854,519	18,049,585	2,785,854	4,837,571	703,010
19	Ordnance and accessories.....	117,148	41,661	88,764	19,912	(NA)	(NA)	(NA)	(NA)	14,893	2,988
25	Furniture and fixtures.....	1,129,832	198,219	1,101,876	184,306	(NA)	(NA)	905,975	144,435	(NA)	(NA)
33	Primary metal industries.....	1,372,460	256,291	873,125	123,222	495,310	70,152	14,967	2,594	(NA)	(NA)
34	Fabricated metal products.....	21,667,450	3,816,365	21,017,224	3,477,277	1,489,009	256,622	6,009,931	924,871	2,324,491	329,333
35	Machinery, except electrical.....	5,790,776	1,277,629	5,076,492	913,911	^a 1,467,518	^a 274,705	^a 1,504,055	^a 257,398	1,124,457	169,719
36	Electrical machinery.....	3,847,461	766,560	3,597,245	654,278	^b 369,786	^b 66,591	^b 2,472,695	^b 430,376	161,287	24,821
37	Transportation equipment.....	10,727,811	1,800,484	10,033,701	1,512,529	^c 992,163	^c 169,627	^c 7,085,487	^c 1,014,323	1,201,248	174,389
38	Instruments and related products..	100,822	31,142	85,911	17,875	18,205	4,407	44,380	8,507	(NA)	(NA)
39	Miscellaneous manufacturing.....	14,209	10,217	5,150	1,081	(NA)	(NA)	3,284	719	...	...
19	Ordnance and accessories.....	117,148	41,661	88,764	19,912	(NA)	(NA)	(NA)	(NA)	14,893	2,988
1925	Guided missiles, complete.....	16,572	11,617	12,009	5,283	3,035	1,762	1,884	679	2,755	699
1951	Small arms, 30 mm and under.....	8,478	2,707	6,746	2,054	6,072	1,466	485	140	60	17
1961	Small arms ammunition, 30 mm and under.....	5,264	1,148	5,264	1,148	(10)	(10)	(10)	(10)	...	...
1999	Ordnance and accessories, nec ¹¹ ...	86,834	26,189	64,745	11,427	45,293	7,209	3,299	686	12,078	2,272
25	Furniture and fixtures.....	1,129,832	198,219	1,101,876	184,306	(NA)	(NA)	905,975	144,435	(NA)	(NA)
251	Household furniture.....	404,037	76,420	387,021	68,452	(NA)	(NA)	265,680	43,638	(NA)	(NA)
2511	Wood furniture, not upholstered..	15,746	3,082	14,692	2,668	(NA)	(NA)	10,161	1,789	(NA)	(NA)
2512	Wood furniture, upholstered.....	9,888	1,774	9,888	1,774	(NA)	(NA)	555	(NA)	(NA)	(NA)
2514	Metal household furniture.....	328,465	62,100	315,013	55,274	(NA)	(NA)	39,503	(NA)	(NA)	(NA)
2515	Mattresses and bedsprings.....	49,938	9,464	47,428	8,736	(NA)	(NA)	1,791	(NA)	(NA)	(NA)
252	Office furniture.....	242,993	37,813	242,831	37,721	(NA)	(NA)	230,533	35,684	(NA)	(NA)
2521	Wood office furniture.....	1,028	173	1,028	173	(NA)	(NA)	1,028	173	(NA)	(NA)
2522	Metal office furniture.....	241,965	37,640	241,803	37,548	(NA)	(NA)	229,505	35,511	(NA)	(NA)
2531	Public building furniture.....	83,012	14,443	82,057	14,039	(NA)	(NA)	60,103	9,150	(NA)	(NA)
254	Partitions and fixtures.....	267,605	44,707	261,900	41,396	(NA)	(NA)	241,627	37,463	(NA)	(NA)
259	Furniture and fixtures, nec.....	132,185	24,836	128,067	22,698	(NA)	(NA)	108,032	18,500	(NA)	(NA)
2591	Venetian blinds and shades.....	78,581	14,649	76,622	14,081	(NA)	(NA)	72,770	12,938	(NA)	(NA)
2599	Furniture and fixtures, nec.....	53,604	10,187	51,445	8,617	(NA)	(NA)	35,262	5,562	(NA)	(NA)
33	Primary metal industries.....	1,372,460	256,291	873,125	123,222	495,310	70,152	14,967	2,594	(NA)	(NA)
3315	Steel wire drawing.....	59,973	12,875	59,938	12,815	2,284	501	14,967	2,594	(10)	(10)
3391	Iron and steel forgings.....	1,312,487	243,416	813,187	110,407	493,026	69,651	xxx	xxx	xxx	xxx
34	Fabricated metal products.....	21,667,450	3,816,365	21,017,224	3,477,277	1,489,009	256,622	6,009,931	924,871	2,324,491	329,333
3411	Metal cans.....	4,726,262	895,590	4,725,883	895,480	82	35	16,939	4,049	...	...
342	Cutlery, hand tools, hardware.....	849,082	204,475	770,386	148,495	130,138	23,946	542,718	101,103	(NA)	(NA)
3421	Cutlery.....	22,386	12,251	16,066	6,276	2,569	496	11,871	5,346	(10)	(10)
3423	Edge tools.....	165,229	36,567	133,156	26,260	69,319	13,055	54,507	10,381	833	149
3425	Hand saws and saw blades.....	17,663	14,918	9,238	4,494	1,224	452	5,388	3,343	917	212
3429	Hardware, nec.....	643,804	140,739	611,926	111,465	57,026	9,943	470,932	82,033	3,617	520
343	Plumbing and nonelectric heating..	588,542	99,173	578,151	89,540	13,453	2,484	496,630	75,389	52,021	7,608
3431	Plumbing fixtures.....	73,912	15,240	70,613	11,286	405	76	69,166	11,028	899	134
3432	Plumbing fittings, brass goods..	3,580	1,269	2,748	544	...	...	2,471	471	...	...
3433	Nonelectric heating equipment...	511,050	82,664	504,790	77,710	13,048	2,408	424,993	63,890	51,122	7,474
344	Structural metal products.....	9,630,883	1,498,571	9,476,886	1,404,837	682,918	106,396	2,282,129	349,941	2,146,597	303,631
3441	Fabricated structural steel.....	4,173,667	587,571	4,146,719	580,874	287,185	43,292	243,327	32,114	762,855	108,118
3442	Metal doors, sash, and trim.....	390,064	64,850	381,266	57,489	43,177	7,291	251,980	35,089	2,210	394
3443	Boiler shop products.....	1,978,049	364,060	1,908,178	308,464	68,942	12,103	292,212	45,181	1,251,393	176,922
3444	Sheet metal work.....	1,157,071	201,184	1,135,274	184,342	25,195	5,563	1,003,179	160,586	55,129	7,735
3449	Miscellaneous metal work, nec...	1,932,032	280,906	1,905,449	273,668	258,419	38,147	491,431	76,971	75,010	10,462
345	Screw machine products and bolts..	1,177,017	239,484	1,091,350	199,115	389,838	76,282	109,976	17,947	(NA)	(NA)
3451	Screw machine products.....	222,059	56,298	198,391	45,027	177,433	40,890	2,250	445	(10)	(10)
3452	Bolts, nuts, washers, and rivets	954,958	183,186	892,959	154,088	212,405	35,392	107,726	17,502	13,855	1,567
3461	Metal stampings.....	2,429,208	436,226	2,319,405	356,935	74,127	12,615	1,702,467	247,185	70,793	9,723
3481	Fabricated wire products, nec.....	1,075,019	236,464	1,055,253	224,728	63,264	11,632	107,951	18,794	1,874	337

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-43

Specified Industry Groups and Industries: 1958

Carbon steel--Continued						Alloy steel									Code
Structural shapes (331215)		Wire and wire products (331217)		All other mill shapes and forms ² (331209, 331218, 331219, 331241, and 331242)		Total		Bars and bar shapes (except stainless) (331221 and 331246)		All other mill shapes and forms (except stainless) (331225, 331244, and 331245)		Stainless steel mill shapes and forms (331231, 331247, 331248, and 331249)			
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)		
3,881,006	xxx	2,674,145	xxx	8,512,588	xxx	3,270,709	xxx	1,408,823	xxx	1,455,522	xxx	406,364	xxx		
83,722	xxx	531,001	xxx	355,279	xxx	382,228	xxx	54,077	xxx	308,633	xxx	19,518	xxx		
3,797,284	555,103	2,143,144	470,927	8,157,309	1,534,978	2,888,481	1,294,177	1,354,746	380,377	1,146,889	398,955	386,846	514,845		
2,600 (NA)	637 (NA)	(NA) (NA)	(NA) (NA)	6,529 195,901	3,115 39,871	28,384 27,956	21,749 13,913	8,566 (NA)	3,947 (NA)	16,180 21,651	8,823 6,279	3,638 6,305	8,979 7,634	19	
...	...	34,606 (NA)	8,606 (NA)	520,161 340,624	540,756 6,689,681	499,335 650,226	133,069 339,088	5283,091 279,602	564,056 63,093	196,207 197,145	46,415 69,484	520,002 173,479	522,538 206,511	33	
2,856,246	400,103	1,647,466	340,624	6,689,681	1,225,724	650,226	339,088	279,602	63,093	197,145	69,484	173,479	206,511	34	
469,481	77,722	86,214	33,669	424,712	100,669	714,284	363,718	389,049	147,066	7241,692	7102,470	782,326	7113,268	35	
63,983	13,452	252,050	57,627	270,456	59,316	250,216	112,282	13,377	6,436	216,274	76,341	20,565	29,505	36	
397,608	61,578	116,292	28,550	240,717	63,946	694,110	287,955	377,974	94,337	250,706	85,826	65,430	107,792	37	
7,366	1,611	(NA)	(NA)	(NA)	(NA)	14,911	13,267	3,071	1,421	6,262	3,063	5,578	8,783	38	
...	...	(NA)	(NA)	(NA)	(NA)	9,059	9,136	(NA)	(NA)	(NA)	(NA)	9,021	8,980	39	
2,600	637	(NA)	(NA)	6,529	3,115	28,384	21,749	8,566	3,947	16,180	8,823	3,638	8,979	19	
2,115	534	(10)	(10)	102,220	101,609	4,563	6,334	1,645	1,449	1,214	762	1,704	4,123	1925	
...	...	...	...	129	431	1,732	653	1,712	637	20	16	...	...	1951
...	...	1,711	305	103,553	10843	...	...	...	...	...	...	...	...	1961
485	103	333	103	3,257	1,054	22,089	14,762	5,209	1,861	14,946	8,045	1,934	4,856	1999	
(NA)	(NA)	(NA)	(NA)	195,901	39,871	27,956	13,913	(NA)	(NA)	21,651	6,279	6,305	7,634	25	
(NA)	(NA)	(NA)	(NA)	121,341	24,814	17,016	7,968	(NA)	(NA)	13,710	3,976	3,306	3,992	251	
(NA)	(NA)	(NA)	(NA)	(NA)	879	1,054	414	(NA)	(NA)	(NA)	271	(NA)	143	2511	
(NA)	(NA)	(NA)	(NA)	(NA)	1,219	...	...	(NA)	(NA)	...	...	...	...	2512
(NA)	(NA)	(NA)	(NA)	74,728	15,771	13,452	6,826	(NA)	(NA)	(NA)	2,977	(NA)	3,849	2514	
(NA)	(NA)	(NA)	(NA)	35,798	6,945	2,510	728	(NA)	(NA)	(NA)	728	...	...	2515
(NA)	(NA)	(NA)	(NA)	12,298	2,037	162	92	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	252	
(NA)	(NA)	(NA)	(NA)	(NA)	...	...	...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2521
(NA)	(NA)	(NA)	(NA)	(NA)	2,037	162	92	(NA)	(NA)	(D)	(D)	(D)	(D)	2522	
(NA)	(NA)	(NA)	(NA)	(NA)	4,889	955	404	(NA)	(NA)	(NA)	246	107	158	2531	
(NA)	(NA)	(NA)	(NA)	(NA)	3,933	5,705	3,311	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	254	
(NA)	(NA)	(NA)	(NA)	20,035	4,198	4,118	2,138	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	259	
(NA)	(NA)	(NA)	(NA)	(NA)	1,143	1,959	568	(NA)	(NA)	(NA)	568	...	...	2591
(NA)	(NA)	(NA)	(NA)	16,185	3,055	2,159	1,570	(NA)	(NA)	(D)	(D)	(D)	(D)	2599	
...	...	34,606	8,606	530,161	540,756	499,335	133,069	5283,091	564,056	196,207	46,415	520,002	522,538	33	
...	...	34,606	8,606	108,081	101,114	35	60	(D)	(D)	...	...	(D)	(D)	3315
xxx	xxx	xxx	xxx	320,161	40,756	499,300	133,009	283,091	64,056	196,207	46,415	20,002	22,538	3391	
2,856,246	400,103	1,647,466	340,624	6,689,681	1,225,724	650,226	339,088	279,602	63,093	197,145	69,484	173,479	206,511	34	
...	...	8,525	1,865	4,700,337	889,531	(NA)	110	(D)	(D)	...	...	(D)	(D)	3411
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	78,696	55,980	35,179	11,302	12,925	14,007	30,592	30,671	342	
(10)	(10)	(10)	(10)	101,626	10434	6,320	5,975	180	103	1,951	2,019	4,189	3,853	3421	
81	84	6,126	1,780	2,290	811	32,073	10,307	29,995	8,232	1,734	1,725	344	350	3423	
...	...	(10)	(10)	101,709	10487	8,425	10,424	3,056	2,148	5,345	8,218	24	58	3425	
2,051	340	63,582	14,320	14,718	4,309	31,878	29,274	1,948	819	3,895	2,045	26,035	26,410	3429	
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10,391	9,633	(NA)	(NA)	3,750	1,765	(NA)	(NA)	343	
(10)	(10)	(10)	(10)	10143	1048	3,299	3,954	(D)	(D)	...	...	(D)	(D)	3431
...	...	(10)	(10)	10277	1073	852	725	...	...	49	46	783	679	3432
4,136	825	11,519	420	9,972	2,693	6,260	4,954	440	390	3,701	1,719	2,119	2,845	3433	
2,828,987	394,759	117,174	23,842	1,419,081	226,268	153,997	93,734	43,354	9,074	63,683	20,634	46,960	64,026	344	
*2,420,071	*333,778	42,185	7,456	*391,096	56,116	26,948	6,697	13,718	2,679	11,747	2,284	1,483	1,734	3441	
60,707	9,279	3,570	2,318	19,622	3,118	8,798	7,361	1,020	310	1,690	1,426	6,088	5,625	3442	
164,509	23,193	4,102	1,828	127,020	49,237	69,871	55,596	7,779	1,836	34,125	12,998	27,967	40,762	3443	
15,184	2,814	3,027	987	33,560	6,657	21,797	16,842	2,142	551	9,692	2,288	9,963	14,003	3444	
168,516	25,695	64,290	11,253	847,785	111,140	26,583	7,238	18,695	3,698	6,429	1,638	1,459	1,902	3449	
(NA)	(NA)	54,911	99,109	(NA)	(NA)	85,687	40,369	36,511	10,862	33,559	9,238	15,617	20,269	345	
(10)	(10)	13,105	2,605	(NA)	(NA)	23,668	11,271	16,412	4,924	781	4,563	5,566	5,566	3451	
283	52	541,806	96,504	16,864	3,071	62,019	29,098	20,099	5,938	30,866	8,457	11,054	14,703	3452	
7,789	1,241	39,313	8,971	424,916	77,200	109,803	79,291	3,867	2,072	46,749	14,517	59,187	62,702	3461	
9,106	1,899	840,316	185,508	32,742	6,558	19,766	11,736	13,703	2,907	2,670	1,785	3,393	7,044	3481	

MANUFACTURES—SUMMARY STATISTICS

Table 1A.—Consumption of Steel Mill Shapes and Forms by

Code	Major group, industry group or industry ¹	Carbon steel									
		Total		Total		Bars and bar shapes (except concrete reinforcing bars) (331211 and 331243)		Sheet and strip (331212)		Plates (331213)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
34	Fabricated metal products-- Continued										
349	Fabricated metal products, nec....	1,191,437	206,382	999,930	158,147	135,189	23,232	751,121	110,463	(NA)	(NA)
3491	Metal barrels, drums, and pails..	772,489	114,158	771,521	112,881	24,666	3,623	*717,141	*104,358	5,902	910
3493	Steel springs.....	250,742	44,083	82,287	15,014	54,165	8,369	20,481	3,543	(10)	(10)
3494	Valves and pipe fittings.....	168,206	48,141	146,122	30,252	56,358	11,240	13,499	2,562	25,882	4,229
35	Machinery, except electrical..	5,790,776	1,277,629	5,076,492	913,911	^a 1,467,518	^a 274,705	^a 1,504,055	^a 257,398	1,124,457	169,719
351	Engines and turbines.....	244,605	56,152	214,022	38,480	45,041	9,370	57,715	11,409	92,429	13,011
3511	Steam engines and turbines.....	170,229	38,013	146,563	23,506	23,366	3,986	31,261	6,120	80,219	11,277
3519	Internal combustion engines.....	74,376	18,139	67,459	14,974	21,675	5,384	26,454	5,289	12,210	1,734
352	Farm machinery and equipment.....	1,407,550	236,287	1,339,855	218,026	555,728	88,205	507,230	78,757	92,071	15,003
353	Construction and like equipment...	1,705,305	308,031	1,511,102	248,904	402,265	67,068	166,332	25,727	521,088	74,902
3531	Construction machinery.....	923,749	152,575	858,448	136,591	261,974	42,766	82,268	12,335	339,061	47,961
3532	Mining machinery and equipment..	129,384	28,713	108,107	18,952	21,820	3,911	5,417	817	42,064	6,633
3533	Oil field machines and equipment	249,053	55,069	150,656	27,305	41,104	7,266	5,107	871	31,593	4,778
3534	Elevators and moving stairways..	53,367	11,929	52,312	10,688	9,088	1,733	11,671	2,027	6,983	1,028
3535	Conveyors.....	167,140	29,719	163,368	26,809	31,736	5,314	42,994	6,772	32,738	4,716
3536	Holsts, cranes, and monorails...	93,254	15,078	91,303	14,649	13,892	2,426	3,799	589	40,004	5,708
3537	Industrial trucks and tractors..	89,358	14,948	86,908	13,910	22,651	3,652	15,076	2,316	28,645	4,078
354	Metalworking machinery.....	385,760	124,682	330,164	72,689	99,685	30,093	37,254	7,413	149,611	24,614
3541	Metal-cutting machine tools.....	47,273	13,981	34,112	8,049	16,937	4,551	3,655	645	9,535	1,575
3542	Metal-forming machine tools.....	81,019	15,534	77,280	13,266	15,159	3,602	2,655	564	55,290	7,903
3544	Special dies and tools.....	119,256	43,363	102,750	28,596	32,137	12,523	21,286	4,089	41,677	8,904
3545	Machine tool accessories.....	38,717	32,568	24,942	7,315	18,738	5,467	991	367	2,697	653
3548	Metalworking machinery, nec.....	99,495	19,236	91,180	15,463	16,714	3,950	8,667	1,748	40,412	5,579
355	Special industry machinery.....	451,002	120,743	410,748	79,617	113,961	23,758	96,288	16,599	116,714	17,821
3551	Food products machinery.....	105,658	26,620	95,658	13,593	30,574	4,738	31,214	4,466	21,940	2,338
3552	Textile machinery.....	69,158	21,272	64,834	17,026	29,473	6,982	16,621	3,574	2,746	564
3553	Woodworking machinery.....	38,714	8,250	36,115	6,641	9,095	2,273	11,914	2,131	9,288	1,044
3554	Paper industries machinery.....	50,357	18,219	43,431	9,979	9,353	2,241	1,384	287	11,129	1,896
3559	Special industry machinery, nec.	187,115	46,382	172,710	32,378	35,466	7,524	35,155	6,141	71,611	11,979
356	General industrial machinery.....	799,084	229,049	543,225	110,066	119,975	27,552	196,453	35,575	(NA)	(NA)
3561	Pumps and compressors.....	137,031	35,935	118,202	23,990	23,187	5,301	22,824	4,047	21,115	3,514
3562	Ball and roller bearings.....	258,827	100,402	66,715	17,326	13,678	3,239	36,307	7,189	(10)	(10)
3564	Blowers and fans.....	105,694	18,128	101,483	15,916	10,902	1,709	59,167	9,249	17,352	2,303
3566	Power transmission equipment....	170,438	41,774	135,754	29,328	53,710	12,820	47,961	9,799	23,487	3,517
3567	Industrial furnaces and ovens...	57,564	14,602	53,288	8,401	3,665	707	8,794	1,475	19,968	2,627
3569	General industry machinery, nec.	71,530	18,208	67,783	14,905	14,833	3,776	21,400	3,816	9,649	1,787
357	Office machines, nec.....	119,633	34,202	115,688	30,612	26,598	8,603	70,163	15,883	3,045	687
3571	Computing and related machines..	44,213	13,047	42,590	11,862	12,609	3,687	25,411	6,080	746	279
3572	Typewriters.....	23,107	7,501	22,640	7,054	9,074	3,648	13,044	2,955	...	...
3576	Scales and balances.....	30,253	6,956	29,717	6,339	2,455	614	19,666	4,112	1,832	331
3579	Office machines, nec.....	22,060	6,698	20,741	5,357	2,460	654	12,042	2,736	467	77
358	Service industry machines.....	456,829	110,086	428,440	78,888	^a 26,989	^a 5,534	^a 335,747	^a 57,867	(NA)	(NA)
3581	Automatic vending machines.....	31,847	7,457	30,630	6,543	387	120	29,517	6,202	(10)	(10)
3582	Commercial laundry equipment....	45,711	12,961	41,652	7,614	4,347	963	29,688	5,012	2,416	606
3584	Vacuum cleaners, industrial.....	88	38	88	38	(10)	(10)	(10)	(10)	(10)	(10)
3585	Refrigeration machinery.....	346,646	76,552	329,257	59,028	20,144	3,959	256,726	42,729	20,185	3,332
3589	Service industry machines, nec..	32,537	13,078	26,813	5,665	2,111	492	19,816	3,924	2,416	498
3599	Machine shops.....	221,008	58,397	183,248	36,629	77,276	14,522	36,873	8,168	32,623	5,447
36	Electrical machinery.....	3,847,461	766,560	3,597,245	654,278	^a 369,786	^a 66,591	^a 2,472,695	^a 430,576	161,287	24,821
361	Electric distribution machinery...	416,322	104,041	284,626	52,507	26,100	4,540	169,767	30,597	51,697	7,390
3611	Electric measuring instruments..	13,407	4,582	8,826	2,108	612	189	6,775	1,520	238	48
3612	Transformers.....	234,931	69,141	122,809	24,246	7,060	1,253	65,818	13,173	32,758	4,310
3613	Switchgear and switchboards.....	167,984	30,318	152,991	26,153	18,428	3,098	97,174	15,904	18,701	3,032
362	Electric industrial apparatus.....	724,788	157,535	653,011	132,213	54,848	11,734	320,258	65,742	56,755	9,235
3621	Motors and generators.....	459,295	98,768	399,608	83,478	43,155	9,108	284,490	58,757	46,554	7,846
3622	Industrial controls.....	30,728	7,141	27,061	4,975	2,706	618	18,756	3,446	4,177	472
3623	Welding apparatus.....	234,756	51,626	226,342	43,762	8,987	2,008	17,012	3,539	6,024	917
363	Household appliances.....	1,482,874	272,257	1,467,206	256,689	^a 56,517	^a 11,175	^a 1,363,443	^a 230,761	(NA)	(NA)
3631	Household cooking equipment....	247,732	44,955	244,424	39,783	13,740	2,302	223,586	35,568	(10)	(10)
3632	Household refrigerators.....	488,414	101,035	483,000	96,576	9,418	2,076	465,645	91,980	(10)	(10)
3633	Household laundry equipment....	362,306	58,072	361,258	56,796	21,715	4,672	337,127	50,955	(10)	(10)
3634	Electric housewares and fans.....	54,951	15,179	50,551	11,994	5,807	1,053	40,972	8,854	...	...
3635	Household vacuum cleaners.....	18,468	4,386	18,238	4,204	709	175	14,260	2,812	...	...
3636	Sewing machines.....	7,090	1,979	7,003	1,924	(10)	(10)	(10)	(10)	...	...
3639	Household appliances, nec.....	303,913	46,671	302,732	45,412	5,128	897	281,853	40,592	5,378	763

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-45

Specified Industry Groups and Industries: 1958-Continued

Carbon steel--Continued						Alloy steel									Code
Structural shapes (331215)		Wire and wire products (331217)		All other mill shapes and forms ² (331209, 331218, 331219, 331241, and 331242)		Total		Bars and bar shapes (except stainless) (331221 and 331246)		All other mill shapes and forms (except stainless) (331225, 331244, and 331245)		Stainless steel mill shapes and forms (331231, 331247, 331248, and 331249)			
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)		
(NA) 666 (10) 2,974	(NA) 149 (10) 695	14,537 7,071 4,915 (NA)	4,494 1,418 2,548 528	(NA) 16,075 102,726 44,858	(NA) 2,423 10,554 10,998	191,507 968 168,455 22,084	48,235 1,277 29,069 17,889	(NA) (D) (12) 6,466	(NA) (D) (12) 2,070	33,809 (D) 12,168,422 5,001	7,538 (D) 12,29,008 2,854	(NA) (D) 33 10,617	(NA) (D) 61 12,985	349 3491 3493 3494	
469,481	77,722	86,214	33,669	424,712	100,669	714,284	363,718	389,049	147,066	7241,692	7102,470	782,326	7113,268	35	
5,203 4,325 878	876 734 142	(NA) (10) (10)	(NA) (10) (10)	(NA) (10) 107,392 106,242	(NA) (10) 101,389 102,425	30,583 23,666 6,917	17,672 14,507 3,165	9,483 4,394 5,089	3,471 1,805 1,666	12,273 11,689 584	3,796 3,540 256	8,827 7,583 1,244	10,405 9,162 1,243	351 3511 3519	
60,882	9,348	18,077	4,087	105,867	22,626	67,695	18,261	47,740	10,610	17,646	4,471	2,309	3,180	3522	
258,031 99,847 26,963 34,472 16,449 40,053 27,313 12,934	41,563 14,612 4,175 6,168 3,756 6,487 4,202 2,163	17,097 6,404 342 1,849 1,107 2,471 853 4,071	6,312 2,639 140 925 689 658 538 723	146,289 68,894 11,501 36,531 7,014 13,376 5,442 3,521	33,332 16,278 3,276 7,297 1,455 2,862 1,186 978	194,203 65,301 21,277 98,397 1,055 3,772 1,951 2,450	59,127 15,984 9,761 27,764 1,241 2,910 429 1,038	(NA) 36,540 6,773 77,992 1,241 1,063 882 1,369	(NA) 8,057 2,220 19,722 (12) 292 230 559	(NA) 28,262 13,985 18,939 12,660 1,187 1,069 927	(NA) 7,144 6,718 6,382 12,335 441 199 294	4,557 499 521 1,466 395 1,522 ... 154	6,534 783 823 1,660 906 2,177 ... 185	353 3531 3532 3533 3534 3535 3536 3537	
(NA) 2,165 1,885 3,324 (10) 10,190	(NA) 624 387 968 (10) 1,694	(NA) (10) (10) (10) 496	(NA) (10) (10) (10) 381	23,933 11,720 102,291 4,012 102,311 14,701	5,724 16,654 10,810 1,919 10,710 2,111	55,596 13,261 3,739 16,306 13,775 8,315	51,993 5,932 2,268 14,767 25,253 3,773	44,561 11,370 3,289 11,561 *11,664 6,677	41,940 4,514 1,839 11,139 *21,467 2,981	9,322 1,488 291 4,077 1,941 1,525	7,361 774 183 2,220 3,551 633	1,713 403 159 868 170 113	2,692 644 246 1,408 235 159	354 3541 3542 3544 3545 3548	
42,304 7,245 8,067 4,351 3,879 18,762	7,540 1,303 1,457 658 818 3,304	(NA) 417 5,132 284 (10) 3,814	(NA) 215 3,611 117 (10) 1,170	(NA) 2,268 2,795 1,183 107,084 7,902	(NA) 533 838 418 104,737 2,260	40,254 12,000 4,324 2,599 6,926 14,405	41,126 13,027 4,246 1,609 8,240 14,004	12,783 2,292 1,882 1,609 2,450 4,388	5,215 828 827 1,017 938 1,605	6,106 1,393 673 726 719 2,595	3,923 751 596 471 592 1,513	21,365 8,315 1,769 102 3,757 7,422	31,988 11,448 3,552 121 6,710 10,886	355 3551 3552 3553 3554 3559	
44,091 10,338 ... 8,776 2,191 15,854 6,932	7,697 1,905 ... 1,269 443 2,786 1,294	19,779 647 11,028 1,082 2,729 1,222 3,071	8,558 170 4,788 609 1,164 215 1,612	(NA) 40,091 105,702 4,204 5,676 3,785 11,898	(NA) 9,053 102,110 777 1,785 591 2,620	255,859 18,829 192,112 2,211 34,684 4,276 3,747	118,983 11,945 83,076 2,212 12,246 6,201 3,303	(NA) 6,643 36,884 (12) 22,173 845 1,303	(NA) 2,424 38,884 (12) 6,367 234 617	(NA) 7,597 98,138 121,240 11,412 231 1,238	(NA) 3,566 45,498 12,752 4,364 414 650	11,561 4,589 496 971 1,099 3,200 *1,206	17,213 5,955 694 1,460 1,515 5,553 *2,036	356 3561 3562 3564 3566 3567 3569	
7,010 2,434 ... 4,244 332	1,436 545 ... 810 81	(NA) 955 (10) 140 2,399	(NA) 1,024 (10) 118 996	(NA) 435 10522 1,380 3,041	(NA) 247 10451 354 813	3,945 1,623 467 536 1,319	3,590 1,185 447 617 1,341	1,186 346 196 119 422	966 346 150 80 390	1,804 916 193 96 599	1,301 536 193 131 441	955 258 78 321 298	1,323 303 104 406 510	357 3571 3572 3576 3579	
(NA) (10) *4,332 (10) 9,352 872	(NA) (10) 678 (10) 1,777 170	(NA) (10) 100 (10) 4,817 252	(NA) (10) 118 (10) 2,031 191	(NA) 10726 769 1088 18,033 1,346	(NA) 10221 237 1058 5,200 390	28,389 1,217 4,059 ... 17,389 5,724	31,198 914 5,347 ... 17,524 7,413	1,462 ... 76 ... 1,175 211	629 ... 34 ... 438 157	75,796 (D) 309 ... 5,338 149	72,871 (D) 455 ... 2,264 152	719,914 (D) 3,674 ... 10,876 5,364	726,784 (D) 4,858 ... 14,822 7,104	358 3581 3582 3584 3585 3589	
19,742	2,922	4,813	1,913	11,921	3,634	37,760	21,768	22,187	6,384	4,448	2,235	11,125	13,149	3599	
63,983	13,452	252,050	57,627	270,456	59,316	250,216	112,282	13,377	6,436	216,274	76,341	20,565	29,505	36	
25,107 664 9,549 14,894	5,200 181 2,228 2,791	1,148 326 87 735	515 128 70 317	10,807 211 7,537 3,059	4,265 42 3,212 1,011	131,696 4,581 112,122 14,993	51,534 2,474 44,895 4,165	2,037 1,180 509 348	968 511 309 148	128,276 2,709 111,404 14,163	48,473 980 44,140 3,353	1,383 692 209 482	2,093 983 446 664	361 3611 3612 3613	
(NA) 2,400 490 (10)	(NA) 525 90 (10)	189,437 3,110 574 185,753	37,006 1,070 230 35,706	(NA) 19,899 358 108,566	(NA) 6,172 117 101,592	71,777 59,687 3,667 8,423	25,322 15,290 2,168 7,864	2,974 2,587 70 317	1,170 980 27 163	63,709 55,795 2,812 5,102	14,992 12,046 1,254 1,692	5,094 1,305 785 3,004	9,160 2,264 887 6,009	362 3621 3622 3623	
(NA) (10) (10) (10) ...	(NA) (10) (10) (10) ...	16,863 3,930 (10) (10) 1,707 (10)	6,395 1,285 (10) (10) 1,083 (10)	13,788 103,168 102,937 102,416 102,065 102,269 107,003 108,574	4,723 10,630 102,520 5,414 1,048 4,400 230 87 102,512	15,668 3,308 5,152 4,459 1,276 3,185 182 55 1,181	15,568 5,152 4,459 1,276 3,185 182 55 1,259	1,405 (D) (12) (12) (12) (12) (D) (D) (D)	1,115 (D) (12) (12) (12) (D) (D) (D)	5,860 (D) 123,044 124,70 125,51 128,556 (D) (D) (D)	3,387 (D) 121,471 125,51 128,556 (D) (D) (D)	8,403 (D) 2,370 578 1,844 (D) (D) (D)	11,066 (D) 2,988 745 2,330 (D) (D) (D)	363 3631 3632 3633 3634 3635 3636 3639	

MANUFACTURES—SUMMARY STATISTICS

Table 1A.—Consumption of Steel Mill Shapes and Forms by

Code	Major group, industry group or industry	Carbon steel									
		Total		Total		Bars and bar shapes (except concrete reinforcing bars) (331211 and 331243)		Sheet and strip (331212)		Plates (331213)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
36	Electrical machinery-- Continued										
364	Lighting and wiring devices.....	719,035	125,399	710,269	120,059	94,612	13,826	384,595	62,147	20,685	2,888
3642	Lighting fixtures.....	259,773	45,738	254,505	42,603	8,464	1,351	204,006	33,138	(10)	(10)
3643	Current carrying devices.....	25,689	7,391	24,086	6,410	619	143	13,935	3,465	(10)	(10)
3644	Noncurrent carrying devices.....	433,573	72,270	431,678	71,046	85,529	12,332	166,654	25,544	763	117
3651	Radios and TV receiving sets.....	65,607	15,744	62,851	14,291	5,572	1,190	53,445	11,747	1,753	295
366	Communication equipment.....	111,291	26,114	105,107	20,878	17,764	3,745	56,738	10,370	(NA)	(NA)
3661	Telephone; telegraph apparatus..	70,697	16,797	68,276	13,929	14,441	3,076	43,306	8,055	(10)	(10)
3662	Radio, TV communication.....	40,594	9,317	36,831	6,949	*3,323	*669	13,432	2,315	(NA)	283
3679	Electronic components, nec.....	80,208	23,061	71,437	17,672	9,237	2,318	24,318	5,211	1,009	194
3694	Engine electrical equipment.....	247,336	42,409	242,738	39,969	105,136	18,063	100,131	14,001	(10)	(10)
37	Transportation equipment.....	10,727,811	1,800,484	10,033,701	1,512,529	^a 992,163	^a 169,627	^a 7,085,487	^a 1,014,323	1,201,248	174,389
371	Motor vehicles and equipment.....	8,687,068	1,341,348	8,154,694	1,204,828	791,575	130,702	6,790,248	962,217	266,194	40,033
3713	Truck and bus bodies.....	172,755	28,720	170,207	27,148	11,063	2,046	119,667	18,624	20,767	3,101
3715	Truck trailers.....	125,219	21,995	116,316	19,291	10,236	1,726	55,461	8,748	25,331	3,889
3717	Motor vehicles and parts.....	8,389,094	1,290,633	7,868,171	1,158,389	770,277	126,930	6,615,120	954,845	220,096	33,043
372	Aircraft and parts.....	315,684	176,482	205,565	51,139	^a 87,242	^a 20,575	^a 40,244	^a 9,408	(NA)	(NA)
3721	Aircraft.....	46,035	28,091	31,714	10,783	7,775	2,513	4,761	1,611	7,927	1,900
3722	Aircraft engines and parts.....	159,269	95,848	105,134	23,332	65,769	12,732	22,573	4,481	8,314	1,337
3723	Aircraft propellers and parts...	2,726	2,381	232	134	(10)	(10)	(10)	(10)	(10)	(10)
3729	Aircraft equipment, nec.....	107,654	50,162	68,485	16,890	13,698	5,330	12,910	3,316	5,299	1,202
373	Ships and boats.....	851,788	146,060	815,204	124,907	32,974	5,639	36,756	6,502	573,067	84,915
3731	Ship building and repairing.....	839,965	143,325	803,587	122,335	32,051	5,442	28,941	4,860	571,048	84,493
3732	Boat building and repairing.....	11,823	2,735	11,617	2,572	923	197	7,815	1,642	2,019	422
374	Railroad equipment.....	680,573	100,335	673,340	97,789	58,846	8,510	92,974	14,093	338,538	44,667
3741	Locomotives and parts.....	97,459	15,784	95,691	14,773	10,616	1,746	17,944	2,954	44,242	5,813
3742	Railroad and street cars.....	583,114	84,569	577,649	83,016	48,230	6,764	75,030	11,139	294,296	38,854
3751	Motorcycles, bicycles, and parts..	56,714	9,589	56,133	9,316	4,055	795	45,175	6,785	(10)	(10)
379	Transportation equipment, nec.....	135,984	26,652	128,765	24,550	17,471	3,406	80,090	15,318	1,565	276
3791	Trailer coaches.....	58,858	13,698	53,106	11,835	6,226	1,292	32,976	7,981	253	51
3799	Transportation equipment, nec...	77,126	12,954	75,659	12,715	11,245	2,114	47,114	7,337	1,312	225
38	Instruments and related products.....	100,822	31,142	85,911	17,875	18,205	4,407	44,380	8,507	(NA)	(NA)
3811	Scientific instruments.....	36,621	10,313	32,030	5,925	5,043	1,029	19,673	3,192	(10)	(10)
382	Mechanical measuring devices.....	64,198	20,829	53,881	11,950	13,162	3,378	24,707	5,315	3,273	671
3821	Mechanical measuring devices....	44,301	14,632	37,847	8,620	9,519	2,559	12,316	2,804	3,273	671
3822	Automatic temperature controls..	19,897	6,197	16,034	3,330	3,643	819	12,391	2,511	...	...
3914	Silverware and plated ware.....	14,209	10,217	5,150	1,081	(NA)	(10)	3,284	719	...	...

*Revised. Differs from figures published in table 7, Volume II, Industry Statistics.

D Withheld to avoid disclosing the figures of individual companies.

NA Not available.

^aMajor Group (2-digit) and Industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

^bIncludes data on the consumption of tin plate, black plate, and terne plate which amounted to 5,152,295 short tons at a cost of \$970,005 thousand. Also includes concrete reinforcing bars which totaled 1,138,967 short tons at a cost of \$149,920 thousand. Consumption statistics for these materials for selected industries are available in Volume II, Industry Statistics.

^cThe "primary metal industries" include steel works and rolling mills, wire drawing establishments, independent pipe mills and cold rolling, drawing, and finishing establishments, but exclude forging plants (Industry 3391, Iron and Steel Forgings) which are classified in this table as metal fabricators. To avoid duplication by counting both the forgings and bars and billets from which forgings are made, information for forgings is excluded. Also to eliminate duplication, the data shown for the "primary metal industries" are limited to the consumption of mill shapes and forms in the production of fabricated products or in maintenance and repair work and exclude the consumption of these products in the manufacture of other basic shapes and forms.

SELECTED MATERIALS CONSUMED

7-47

Specified Industry Groups and Industries: 1958-Continued

Carbon steel--Continued						Alloy steel								Code
Structural shapes (331215)		Wire and wire products (331217)		All other mill shapes and forms ² (331209, 331218, 331219, 331241, and 331242)		Total		Bars and bar shapes (except stainless) (331221 and 331246)		All other mill shapes and forms (except stainless) (331225, 331244, and 331245)		Stainless steel mill shapes and forms (331231, 331247, 331248, and 331249)		
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	
11,185	2,197	19,120	5,515	180,074	33,486	8,766	5,340	(NA)	(NA)	(NA)	(NA)	2,286	2,729	36
10,128	2,033	8,803	2,319	102,104	10,762	5,268	3,135	945	331	2,972	1,351	1,351	1,453	364
...	...	7,787	2,437	101,745	16,365	1,603	981	(12)	(12)	12,111	12,418	492	563	3642
1,057	164	2,530	759	175,145	32,130	1,895	1,224	806	160	646	351	443	713	3643
(10)	(10)	1,583	903	104,98	10,156	2,756	1,453	291	159	2,404	1,221	61	73	3644
(NA)	(NA)	1,194	992	(NA)	(NA)	6,184	5,236	(NA)	(NA)	(NA)	(NA)	1,941	2,593	3651
3,501	635	1,194	356	105,834	10,1807	2,421	2,868	(12)	(12)	12,170	12,259	1,251	1,609	366
(10)	(10)	(NA)	636	1015,077	103,046	3,763	2,368	1,176	309	1,897	1,075	*690	*984	3661
1,986	500	4,532	2,478	30,355	6,971	8,771	5,389	(12)	(12)	128,120	124,578	651	811	3662
...	...	15,334	3,873	1022,137	104,032	4,598	2,440	2,394	963	1,458	497	746	980	3679
397,608	61,578	116,292	28,550	240,717	63,946	694,110	287,955	377,974	94,337	250,706	85,826	65,430	107,792	3694
75,962	14,705	97,001	22,511	133,714	34,660	532,374	136,520	338,086	71,179	168,307	36,480	25,981	28,861	37
12,163	1,987	1,015	348	5,533	1,042	2,548	1,572	858	480	1,016	246	694	846	371
18,984	3,258	1,94	83	6,110	1,587	8,903	2,704	3,046	488	4,801	982	1,056	1,234	3713
44,815	9,460	95,792	22,080	122,071	32,031	520,923	132,244	334,202	70,211	162,490	35,252	24,231	26,781	3715
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	110,119	125,343	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3717
5,645	1,441	1,678	1,078	3,928	2,240	14,321	17,308	6,234	3,903	3,045	3,100	5,042	10,305	3721
1,275	217	696	350	6,507	4,215	54,135	72,516	14,217	9,107	*14,512	11,040	*25,406	*52,369	3722
(10)	(10)	(10)	(10)	16,232	16,134	2,494	2,247	(D)	(D)	(D)	(D)	(D)	(D)	3723
(NA)	4,210	(NA)	1,727	2,368	1,105	39,169	33,272	13,566	8,073	19,470	13,228	6,133	11,971	3729
141,421	19,821	(NA)	(NA)	(NA)	(NA)	36,584	21,153	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	373
140,936	19,691	3,515	1,275	21,096	6,574	36,378	20,990	1,026	355	33,720	18,042	1,632	2,593	3731
485	130	(10)	(10)	16,375	16,181	206	163	(D)	(D)	(D)	(D)	(D)	(D)	3732
126,709	17,692	(NA)	(NA)	(NA)	(NA)	7,233	2,564	2,353	578	4,066	816	814	1,170	374
13,001	1,785	(10)	(10)	109,888	102,475	1,768	1,011	(12)	(12)	121,362	124,20	406	591	3741
113,708	15,907	657	232	45,728	10,120	5,465	1,553	(12)	(12)	125,057	12974	408	579	3742
(10)	(10)	3,767	901	103,136	10835	581	273	(D)	(D)	(D)	(D)	(D)	(D)	3751
19,429	3,491	1,809	382	8,401	1,677	7,219	2,102	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	379
8,498	1,596	...	...	5,153	915	5,752	1,863	(12)	(12)	125,752	121,863	...	...	3791
10,931	1,895	1,809	382	3,248	762	1,467	239	(D)	(D)	(D)	(D)	(D)	(D)	3799
7,366	1,611	(NA)	(NA)	(NA)	(NA)	14,911	13,267	3,071	1,421	6,262	3,063	5,578	8,783	38
5,142	1,031	(10)	(10)	102,172	10673	4,594	4,388	(12)	(12)	122,773	121,437	1,821	2,951	3811
2,224	580	(NA)	828	6,819	1,178	10,317	8,879	(NA)	(NA)	(NA)	(NA)	3,757	5,832	382
2,224	580	(NA)	828	6,819	1,178	6,454	6,012	1,215	700	2,695	1,286	2,544	4,026	3821
...	...	...	...	...	...	3,863	2,867	(12)	(12)	122,650	121,061	1,213	1,806	3822
...	...	(NA)	(NA)	(NA)	10362	9,059	9,136	(12)	(12)	1238	12156	9,021	8,980	3914

⁴The "metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

⁵Excludes figures for Industry 3315, Steel Wire Drawing.

⁶Excludes figures for Industry 3584, Vacuum Cleaners, Industrial.

⁷Excludes figures for Industry 3581, Automatic Vending Machines.

⁸Excludes figures for Industry 3636, Sewing Machines.

⁹Excludes figures for Industry 3723, Aircraft Propellers and Parts.

¹⁰Combined with all other carbon steel mill shapes and forms.

¹¹Includes data for Industries 1911, Guns, Howitzers, Mortars, and Related Equipment; 1921, Artillery Ammunition; 1922, Ammunition Loading and Assembling; 1929, Ammunition, NEC; 1931, Tanks and Tank Components; 1941, Sighting and Fire Control Equipment; and 1999, Ordnance and Accessories, NEC.

¹²Combined with all other alloy steel mill shapes and forms.

MANUFACTURES—SUMMARY STATISTICS

Table 1B.—Consumption of Selected Nonferrous Mill Shapes and Forms by Specified Industry Groups and Industries: 1958

Code	Major group, industry group, or industry ¹	Aluminum and aluminum-base alloy						Copper and copper-base alloy			
		Total		Sheet, plate, and foil (335257, 335213, 335215, and 335217)		All other aluminum mill shapes and forms (335259 and 335218)		Bare wire for electrical conduction only ² (335111 and 335123)		All other mill shapes and forms, including mechanical wire, but excluding insulated wire and cable (335119)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	Metal fabricating industries ³ , total.....	41,644,602	881,250	4902,467	476,810	4742,135	404,440	5501,258	222,220	61,172,501	593,526
19	Ordnance and accessories.....	32,624	22,180	22,403	13,678	10,221	8,502	(NA)	(NA)	40,438	21,649
24	Lumber and wood products.....	11,262	6,484	4,662	2,440	6,600	4,044	xxx	xxx	xxx	xxx
25	Furniture and fixtures.....	78,533	37,754	31,343	14,781	47,190	22,973	xxx	xxx	xxx	xxx
33	Primary metal industries.....	12,113	6,414	(NA)	(NA)	(NA)	(NA)	7284,458	7107,216	12,656	6,480
34	Fabricated metal products.....	850,507	398,233	8440,851	8201,033	8407,636	8195,907	7,500	4,298	477,292	208,923
35	Machinery, except electrical.....	122,150	70,263	79,185	44,326	42,967	25,942	13,372	7,704	167,473	108,117
36	Electrical machinery.....	193,398	109,489	8106,658	858,724	886,620	850,658	188,331	97,498	221,136	118,364
37	Transportation equipment.....	336,805	225,279	212,828	138,733	123,977	86,546	4,589	2,567	190,057	93,795
38	Instruments and related products.....	7,210	5,149	(NA)	(NA)	(NA)	(NA)	2,454	2,576	27,279	16,568
39	Miscellaneous manufacturing.....	xxx	xxx	xxx	xxx	xxx	xxx	...	...	36,170	19,630
19	Ordnance and accessories.....	32,624	22,180	22,403	13,678	10,221	8,502	(NA)	(NA)	40,438	21,649
1925	Guided missiles, complete.....	16,192	12,255	12,090	8,260	4,102	3,995	(D)	(D)	1,071	742
1951	Small arms, 30 mm and under.....	199	234	...	...	199	234	(D)	(D)	66	20
1961	Small arms ammunition.....	...	...	...	...	...	...	...	...	34,946	18,611
1999	Ordnance and accessories, nec ¹⁰	16,233	9,691	10,313	5,418	5,920	4,273	35	31	4,355	2,276
24	Lumber and wood products.....	11,262	6,484	4,662	2,440	6,600	4,044	xxx	xxx	xxx	xxx
2431	Millwork plants.....	(NA)	5,304	(NA)	1,581	(NA)	3,723	xxx	xxx	xxx	xxx
2433	Prefabricated wood products.....	3,299	1,180	2,292	859	1,007	321	xxx	xxx	xxx	xxx
25	Furniture and fixtures.....	78,533	37,754	31,343	14,781	47,190	22,973	xxx	xxx	xxx	xxx
251	Household furniture.....	54,885	24,100	(NA)	(NA)	(NA)	(NA)	xxx	xxx	xxx	xxx
2511	Wood furniture, not upholstered....	(NA)	672	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx
2514	Metal household furniture.....	53,377	23,095	17,184	7,600	36,193	15,495	xxx	xxx	xxx	xxx
2515	Mattresses and bedsprings.....	(NA)	333	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx
2522	Metal office furniture.....	(NA)	2,329	585	338	(NA)	1,991	xxx	xxx	xxx	xxx
2531	Public building furniture.....	1,369	1,101	473	373	896	728	xxx	xxx	xxx	xxx
254	Partitions and fixtures.....	(NA)	1,556	(NA)	660	(NA)	896	xxx	xxx	xxx	xxx
259	Furniture and fixtures, nec.....	16,379	8,668	(NA)	(NA)	(NA)	(NA)	xxx	xxx	xxx	xxx
2591	Venetian blinds and shades.....	(NA)	7,866	(NA)	4,847	(NA)	3,019	xxx	xxx	xxx	xxx
2599	Furniture and fixtures, nec.....	974	802	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx
33	Primary metal industries.....	12,113	6,414	(NA)	(NA)	(NA)	(NA)	7284,458	7107,216	12,656	6,480
3315	Steel wire drawing.....	(NA)	1,044	(D)	(D)	(D)	(D)	(D)	(D)	1,728	826
3357	Nonferrous wire drawing, etc.....	10,548	5,370	(D)	(D)	(D)	(D)	*284,458	*107,216	10,928	5,654
34	Fabricated metal products.....	850,507	398,233	8440,851	8201,033	8407,636	8195,907	7,500	4,298	477,292	208,923
3411	Metal cans.....	2,020	1,293	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx
342	Cutlery, hand tools, hardware.....	31,651	15,928	21,337	10,585	10,314	5,343	1,598	884	61,890	27,363
3421	Cutlery.....	1,534	768	1,477	717	57	51	...	...	3,279	1,466
3423	Edge tools.....	3,354	1,754	2,804	1,317	550	437	118	81	1,809	1,010
3492	Hardware, nec.....	26,763	13,406	17,056	8,551	9,707	4,855	1,480	803	56,802	24,887
343	Plumbing and nonelectric heating....	18,128	8,829	12,766	6,160	5,362	2,669	708	420	72,532	32,338
3431	Plumbing fixtures.....	350	215	142	66	208	149	...	...	3,545	1,583
3432	Plumbing fittings, brass goods.....	535	249	101	46	434	203	...	...	55,765	22,785
3433	Nonelectric heating equipment.....	17,243	8,365	12,523	6,048	4,720	2,317	708	420	13,222	7,970
344	Structural metal products.....	529,694	244,945	187,073	84,907	342,621	160,038	1,292	800	38,061	24,749
3441	Fabricated structural steel.....	13,554	6,336	6,986	3,399	6,568	2,937	(11)	(11)	11,275	11,848
3442	Metal doors, sash, and trim.....	369,572	165,762	*73,247	30,160	296,325	135,602	...	...	1,165	726
3443	Boiler shop products.....	6,483	3,890	5,025	3,092	1,458	798	123	88	22,920	17,025
3444	Sheet metal work.....	94,888	44,804	84,230	39,075	10,658	5,729	545	297	9,350	5,222
3449	Miscellaneous metal work, nec.....	45,197	24,153	17,585	9,181	27,612	14,972	(NA)	(11)	(NA)	11,343
345	Screw machine products and bolts.....	20,454	12,784	3,679	2,257	16,775	10,527	...	...	114,195	46,630
3451	Screw machine products.....	8,251	5,528	1,779	1,235	6,472	4,293	...	...	70,403	25,139
3452	Bolts, nuts, washers, and rivets...	12,203	7,256	1,900	1,022	10,303	6,234	...	...	43,792	21,491

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-49

Table 1B.—Consumption of Selected Nonferrous Mill Shapes and Forms by Specified Industry Groups and Industries: 1958—Continued

Code	Major group, industry group, or industry ¹	Aluminum and aluminum-base alloy						Copper and copper-base alloy			
		Total		Sheet, plate, and foil (335257, 335213, 335215, and 335217)		All other aluminum mill shapes and forms (335259 and 335218)		Bare wire for electrical conduction only ² (335111 and 335123)		All other mill shapes and forms, including mechanical wire, but excluding insulated wire and cable (335119)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
34	Fabricated metal products-- Continued										
3461	Metal stampings.....	182,335	79,221	168,783	72,343	13,552	6,878	2,565	1,521	70,303	33,504
3481	Fabricated wire products, nec.....	(NA)	6,944	(NA)	512	11,447	6,432	1,050	514	11,363	7,235
349	Fabricated metal products, nec.....	54,004	28,289	46,439	24,269	7,565	4,020	287	159	108,948	37,104
3494	Valves and pipe fittings.....	8,715	4,675	1,150	655	7,565	4,020	287	159	108,948	37,104
3497	Metal foil and leaf.....	124,528	12,614	124,528	12,614	...	...	xxx	xxx	xxx	xxx
35	Machinery, except electrical.....	122,150	70,268	79,183	44,326	42,967	25,942	13,372	7,704	167,473	108,117
351	Engines and turbines.....	1,647	870	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3511	Steam engines and turbines.....	xxx	xxx	xxx	xxx	xxx	xxx	(D)	(D)	(D)	(D)
3519	Internal combustion engines.....	1,647	870	(D)	(D)	(D)	(D)	(D)	(D)	4,232	2,698
3522	Farm machinery and equipment.....	8,598	4,375	5,383	2,625	3,215	1,750	40	33	3,979	2,160
353	Construction and like equipment.....	4,128	2,941	2,316	1,510	1,812	1,431	1,690	1,160	10,469	5,896
3531	Construction machinery.....	1,401	856	785	425	616	431	342	223	7,040	3,833
3532	Mining machinery and equipment.....	xxx	xxx	xxx	xxx	xxx	xxx	459	334	810	506
3533	Oil field machines and equipment...	...	...	...	...	...	...	(D)	(D)	1,393	763
3534	Elevators and moving stairways.....	444	356	(D)	(D)	(D)	(D)	(D)	(D)	585	398
3535	Conveyors.....	1,189	741	906	473	283	268	(D)	(D)	405	211
3536	Hoists, cranes, and monorails.....	106	82	(D)	(D)	(D)	(D)	107	70	108	90
3537	Industrial trucks and tractors.....	987	906	451	475	536	431	(D)	(D)	128	95
354	Metalworking machinery.....	4,934	3,389	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,543	4,634
3541	Metal-cutting machine tools.....	794	496	580	348	214	148	...	...	576	420
3542	Metal-forming machine tools.....	373	220	(D)	(D)	(D)	(D)	...	...	151	105
3544	Special dies and tools.....	2,610	1,714	2,124	1,404	486	310	155	154	2,041	1,191
3545	Machine tool accessories.....	270	258	161	165	109	93	(D)	(D)	210	255
3548	Metalworking machinery, nec.....	887	701	360	314	527	387	1,258	715	4,565	2,663
355	Special industry machinery.....	11,525	6,869	6,519	3,403	5,006	3,466	(NA)	(NA)	10,378	10,170
3551	Food products machinery.....	2,487	1,461	2,236	1,244	251	217	(D)	(D)	1,314	989
3552	Textile machinery.....	3,651	1,468	2,110	643	1,541	825	xxx	xxx	xxx	xxx
3553	Woodworking machinery.....	820	347	74	49	746	298	94	116	95	196
3554	Paper industries machinery.....	xxx	xxx	xxx	xxx	xxx	xxx	...	...	3,436	4,736
3555	Printing trades machinery.....	(NA)	609	(NA)	282	(NA)	327	...	...	1,511	1,377
3559	Special industry machinery, nec....	3,654	2,984	1,676	1,185	1,978	1,799	82	107	4,022	2,892
356	General industrial machinery.....	12,602	7,372	8,099	4,403	4,503	2,969	1,350	954	(NA)	(NA)
3561	Pumps and compressors.....	2,101	1,401	271	211	1,830	1,190	595	582	8,126	4,881
3562	Ball and roller bearings.....	...	...	...	...	...	...	(D)	(D)	3,075	1,685
3564	Blowers and fans.....	6,336	3,351	5,670	2,906	666	445	(D)	(D)	1,899	1,338
3566	Power transmission equipment.....	400	343	104	114	296	229	161	112	1,141	781
3567	Industrial furnaces and ovens.....	xxx	xxx	xxx	xxx	xxx	xxx	...	...	(D)	(D)
3569	General industry machinery, nec....	3,765	2,277	2,054	1,172	1,711	1,105	373	146	5,098	3,145
357	Office machines, nec.....	4,466	3,086	2,164	1,521	2,302	1,565	xxx	xxx	xxx	xxx
3571	Computing and related machines.....	1,819	1,127	695	487	1,124	640	xxx	xxx	xxx	xxx
3572	Typewriters.....	1,125	935	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx
3576	Scales and balances.....	418	227	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx
3579	Office machines, nec.....	1,104	797	646	433	458	364	xxx	xxx	xxx	xxx
358	Service industry machines.....	59,348	30,265	43,601	22,459	15,747	7,806	(NA)	(NA)	(NA)	(NA)
3581	Automatic vending machines.....	994	749	(D)	(D)	(D)	(D)	...	...	(D)	(D)
3582	Commercial laundry equipment.....	294	263	(D)	(D)	(D)	(D)	(D)	(D)	392	332
3584	Vacuum cleaners, industrial.....	119	135	(D)	(D)	(D)	(D)	...	...	(D)	(D)
3585	Refrigeration machinery.....	56,383	28,059	41,326	20,688	15,057	7,371	3,253	1,794	58,058	43,885
3586	Measuring and dispensing pumps.....	304	249	104	80	200	169	...	...	846	507
3589	Service industry machines, nec.....	1,254	810	1,003	695	251	115	109	74	620	426
3599	Machine shops.....	14,902	11,101	6,719	5,583	8,183	5,518	472	297	27,796	13,366

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1B.—Consumption of Selected Nonferrous Mill Shapes and Forms by Specified Industry Groups and Industries: 1958—Continued

Code	Major group, industry group, or industry	Aluminum and aluminum-base alloy						Copper and copper-base alloy			
		Total		Sheet, plate, and foil (335257, 335213, 335215, and 335217)		All other aluminum mill shapes and forms (335259 and 335218)		Bare wire for electrical conduction only ² (335111 and 335123)		All other mill shapes and forms, including mechanical wire, but excluding insulated wire and cable (335119)	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
36	Electrical machinery.....	193,398	109,489	106,658	58,724	86,620	50,658	188,331	97,498	221,136	118,364
361	Electric distribution products.....	19,384	9,485	12,779	5,463	6,605	4,022	52,313	26,315	67,596	32,741
3611	Electric measuring instruments.....	9,196	4,836	5,787	3,162	3,409	1,674	1,880	1,124	4,378	2,556
3612	Transformers.....	...	...	...	...	...	...	45,002	22,185	21,478	7,728
3613	Switchgear and switchboards.....	10,188	4,649	6,992	2,301	3,196	2,348	5,431	3,006	41,740	22,457
362	Electric industrial apparatus.....	25,116	15,168	2,823	1,308	22,293	13,860	70,366	32,630	42,975	21,820
3621	Motors and generators.....	24,621	14,925	2,519	1,187	22,102	13,738	59,817	26,419	27,972	11,611
3622	Industrial controls.....	495	243	304	121	191	122	2,133	1,248	7,780	4,491
3623	Welding apparatus.....	xxx	xxx	xxx	xxx	xxx	xxx	1,764	1,322	3,853	3,489
3629	Electric industrial goods, nec.....	xxx	xxx	xxx	xxx	xxx	xxx	6,652	3,641	3,370	2,229
363	Household appliances.....	56,195	29,397	43,627	21,336	12,568	8,061	(NA)	(NA)	16,854	13,437
3631	Household cooking equipment.....	1,201	696	745	444	456	252	(11)	(11)	297	190
3632	Household refrigerators.....	31,405	16,908	25,092	12,075	6,811	4,835	(11)	(11)	118,801	117,572
3633	Household laundry equipment.....	3,785	2,227	3,728	2,176	57	51	(11)	(11)	11,610	11,331
3634	Electric housewares and fans.....	12,463	5,944	9,641	4,424	2,822	1,520	982	730	3,495	2,904
3635	Household vacuum cleaners.....	2,148	1,323	1,037	578	1,111	745	1,432	736	(D)	(D)
3636	Sewing machines.....	...	...	...	...	...	...	...	...	(D)	(D)
3639	Household appliances, nec.....	4,695	2,299	3,384	1,639	1,311	660	286	199	4,387	2,871
364	Lighting and wiring devices.....	33,801	18,555	17,004	9,452	16,797	9,103	(NA)	(NA)	41,341	23,771
3642	Lighting fixtures.....	22,430	12,177	12,371	6,718	10,059	5,459	566	323	9,161	5,072
3643	Current carrying devices.....	4,653	2,706	2,810	1,675	1,842	1,031	3,490	1,549	27,730	16,193
3644	Noncurrent carrying devices.....	6,719	3,672	1,823	1,059	4,896	2,613	(NA)	(D)	4,450	2,506
3651	Radios and TV receiving sets.....	3,827	2,158	2,673	1,671	1,154	487	4,438	1,872	758	416
366	Communication equipment.....	22,165	12,937	12,912	7,267	9,253	5,670	6,218	4,484	27,579	12,323
3661	Telephone; telegraph apparatus.....	7,637	3,944	4,350	2,088	3,287	1,856	5,267	4,054	25,164	10,534
3662	Radio, TV, communication equipment.	14,528	8,993	8,562	5,179	5,966	3,814	951	430	2,415	1,789
367	Electronic components.....	29,868	19,862	(NA)	(NA)	(NA)	(NA)	14,585	8,748	10,024	7,278
3673	Electron tubes, transmitting.....	120	107	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx
3679	Electronic components, nec.....	29,748	19,755	14,297	11,728	15,451	8,027	14,585	8,748	10,024	7,278
3694	Engine electrical equipment.....	3,042	1,927	543	499	2,499	1,428	21,921	10,882	14,009	6,578
37	Transportation equipment.....	336,805	225,279	212,828	138,733	123,977	86,546	4,589	2,567	190,057	93,795
371	Motor vehicles and equipment.....	105,690	49,744	52,923	27,984	52,767	21,760	(NA)	(NA)	168,621	78,698
3713	Truck and bus bodies.....	7,598	4,263	5,912	3,363	1,686	900	(D)	(D)	407	461
3715	Truck trailers.....	47,807	23,329	27,849	13,860	19,958	9,469	...	...	259	159
3717	Motor vehicles and parts.....	50,285	22,152	19,162	10,761	31,123	11,391	1,560	770	167,955	78,078
372	Aircraft and parts.....	186,371	152,113	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3721	Aircraft.....	110,094	92,663	76,104	57,870	33,990	34,793	374	389	659	645
3722	Aircraft engines and parts.....	8,161	6,304	3,099	2,833	5,062	3,471	(11)	(11)	11,836	11,524
3723	Aircraft propellers and parts.....	222	415	(D)	(D)	(D)	(D)	(NA)	(11)	(NA)	(11)
3729	Aircraft equipment, nec.....	67,894	52,731	41,275	29,375	26,619	23,356	273	252	4,137	2,340
373	Ships and boats.....	20,805	12,079	16,892	9,700	3,913	2,379	(NA)	(NA)	8,755	7,617
3731	Ship building and repairing.....	6,386	4,075	4,692	3,035	1,694	1,040	(D)	(D)	7,268	6,444
3732	Boat building and repairing.....	14,419	8,004	12,200	6,665	2,219	1,339	...	...	1,487	1,173
374	Railroad equipment.....	4,808	2,623	(NA)	(NA)	(NA)	(NA)	2,087	916	6,202	3,626
3741	Locomotives and parts.....	379	152	(D)	(D)	(D)	(D)	2,087	916	6,014	3,502
3742	Railroad and street cars.....	4,429	2,471	4,228	2,312	201	159	...	...	188	124
379	Transportation equipment, nec.....	19,131	8,720	17,969	8,202	1,162	518	(NA)	(NA)	(NA)	(NA)
3791	Trailer coaches.....	18,766	8,547	17,640	8,057	1,126	490	(11)	(11)	11,006	11,464
3799	Transportation equipment, nec.....	365	173	329	145	36	28	xxx	xxx	xxx	xxx

See footnotes at end of table.

Table 1B.—Consumption of Selected Nonferrous Mill Shapes and Forms by Specified Industry Groups and Industries: 1958—Continued

Code	Major group, industry group, or industry ¹	Aluminum and aluminum-base alloy						Copper and copper-base alloy			
		Total		Sheet, plate, and foil (335257, 335213, 335215, and 335217)		All other aluminum mill shapes and forms (335259 and 335218)		Bare wire for electrical conduction only ² (335111 and 335123)		All other mill shapes and forms, including mechanical wire, but excluding insulated wire and cable (335119)	
				Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
38	Instruments and related products.	7,210	5,149	(NA)	(NA)	(NA)	(NA)	2,454	2,576	27,279	16,568
3811	Scientific instruments.....	2,361	2,173	933	776	1,428	1,397	(NA)	847	1,279	761
382	Mechanical measuring devices.....	4,849	2,976	(NA)	(NA)	(NA)	(NA)	1,988	1,729	26,000	15,807
3821	Mechanical measuring devices.....	2,409	1,557	1,144	770	1,265	787	974	933	11,974	6,925
3822	Automatic temperature controls.....	2,440	1,419	(D)	(D)	(D)	(D)	1,014	796	14,026	8,882
39	Miscellaneous manufacturing.....	xxx	xxx	xxx	xxx	xxx	xxx	...	...	36,170	19,630
3914	Silverware and plated ware.....	xxx	xxx	xxx	xxx	xxx	xxx	...	...	8,341	5,535
3964	Needles, pins, and fasteners.....	xxx	xxx	xxx	xxx	xxx	xxx	...	...	27,829	14,095

*Revised. Differs from figures published in table 7, Volume II, Industry Statistics.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Major Group (2-digit) and Industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²Not strictly comparable with 1954. In the 1954 Census, consumption of bare wire included mechanical wire. In the 1958 Census, mechanical wire is included with "All other brass mill shapes."

³The "metal fabricating industries," include establishments whose primary activity in the manufacture of products fabricated beyond the metal mill or foundry level.

⁴Excludes aluminum and aluminum-base alloy mill shapes produced and consumed in nonferrous metal mills in the production of fabricated products for which figures are not available.

⁵In addition, 932,822 thousand pounds of bare wire for electrical conduction were produced and consumed by nonferrous wire drawing establishments in the manufacture of fabricated products. Most of this consumption resulted in the production of insulated wire and cable.

⁶In addition, 6,262 thousand pounds of brass mill shapes were produced and consumed by nonferrous metal mills in the manufacture of fabricated metal products.

⁷Excludes figures for Industry 3315, Steel Wire Drawing.

⁸Excludes figures for Industry 3411, Metal Cans.

⁹Excludes figures for Industry 3673, Electron Tubes, Transmitting.

¹⁰Includes data for Industries 1911, Guns, Howitzers, Mortars, and Related Equipment; 1921, Artillery Ammunition; 1922, Ammunition Loading and Assembling; 1929, Ammunition, NEC; 1931, Tanks and Tank Components; 1941, Sighting and Fire Control Equipment; and 1999, Ordnance and Accessories, NEC.

¹¹Bare wire for electrical conduction included with "All other copper mill shapes and forms."

¹²Includes some duplication since both plain foil and laminated foil are included. Consumption of laminated foil totaled 1,733 thousand pounds at a cost of \$942 thousand. The consumption data published for this industry in the 1954 Census represented the quantities of sheet (foil stock) consumed in foil mills. The 1958 data represent the sheet, plate, and foil consumed by foil converters.

MANUFACTURES—SUMMARY STATISTICS

Table 1C.—Consumption of Selected Castings and Forgings by

Code	Major group, industry group or industry ¹	Castings - rough and semifinished					
		Iron (gray and malleable) (332011)			Steel (332311)		
		Received from other establishments ²		Produced and consumed in the same establishment (short tons)	Received from other establishments ²		Produced and consumed in the same establishment (short tons)
		Quantity (short tons)	Delivered cost (\$1,000)		Quantity (short tons)	Delivered cost (\$1,000)	
	Metal fabricating industries ³ , total.....	3,767,013	1,087,473	(NA)	751,551	461,584	(NA)
19	Ordinance and accessories.....	6,772	1,626	(NA)	(NA)	(NA)	(NA)
34	Fabricated metal products.....	⁴ 262,893	⁴ 86,819	(NA)	111,369	61,256	(NA)
35	Machinery, except electrical.....	⁴ 1,389,930	⁴ 458,966	(NA)	378,251	240,655	(NA)
36	Electrical machinery.....	158,737	57,111	(NA)	⁴ 26,224	⁴ 16,223	(NA)
37	Transportation equipment.....	1,945,995	486,027	(NA)	220,223	132,553	(NA)
38	Instruments and related products.....	xxx	xxx	xxx	10,675	7,330	(NA)
39	Miscellaneous manufacturing.....	xxx	xxx	xxx	xxx	xxx	xxx
19	Ordinance and accessories.....	6,772	1,626	(NA)	(NA)	(NA)	(NA)
1925	Guided missiles, complete.....	...	...	...	118	185	(NA)
1951	Small arms, 30 mm and under.....	305	186	(NA)	(D)	(D)	...
1999	Ordinance and accessories, nec ⁵	6,467	1,440	(NA)	4,437	3,255	(NA)
34	Fabricated metal products.....	⁴ 262,893	⁴ 86,819	(NA)	111,369	61,256	(NA)
342	Cutlery, hand tools, hardware.....	51,669	19,948	(NA)	13,589	6,038	(NA)
3421	Cutlery.....	627	353	(NA)	420	665	(NA)
3423	Edge tools.....	12,183	5,702	(NA)	1,019	747	(NA)
3429	Hardware, nec.....	38,859	13,893	(NA)	12,150	4,626	(NA)
343	Plumbing and nonelectric heating.....	⁴ 45,518	⁴ 14,155	(NA)	7,634	2,499	(NA)
3431	Plumbing fixtures.....	(D)	(D)	211,467	...	...	...
3432	Plumbing fittings, brass goods.....	1,888	475	(NA)	...	...	...
3433	Nonelectric heating equipment.....	43,630	13,680	*97,823	7,634	2,499	(NA)
344	Structural metal products.....	32,648	9,782	(NA)	34,701	14,252	(NA)
3441	Fabricated structural steel.....	5,858	1,677	(NA)	15,587	5,622	(NA)
3442	Metal doors, sash, and trim.....	1,547	601	(NA)	2,555	801	(NA)
3443	Boiler shop products.....	17,251	4,654	(NA)	7,703	4,926	(NA)
3444	Sheet metal work.....	1,225	550	(NA)	3,829	842	(NA)
3449	Miscellaneous metal work, nec.....	6,767	2,300	(NA)	(NA)	2,061	(NA)
345	Screw machine products and bolts.....	xxx	xxx	xxx	4,109	2,077	(NA)
3451	Screw machine products.....	xxx	xxx	xxx	1,668	791	(NA)
3452	Bolts, nuts, washers, and rivets.....	xxx	xxx	xxx	2,441	1,286	(NA)
3461	Metal stampings.....	8,226	2,716	(NA)	6,960	2,004	(NA)
3481	Fabricated wire products, nec.....	xxx	xxx	xxx	3,817	1,493	(NA)
3494	Valves and pipe fittings.....	124,832	40,218	*187,467	40,559	32,893	*12,141
35	Machinery, except electrical.....	⁴ 1,389,930	⁴ 458,966	(NA)	378,251	240,655	(NA)
351	Engines and turbines.....	200,151	74,812	(NA)	38,880	40,761	(NA)
3511	Steam engines and turbines.....	17,439	9,381	(NA)	37,197	39,430	(NA)
3519	Internal combustion engines.....	182,712	65,431	(NA)	1,683	1,331	(NA)
3522	Farm machinery and equipment.....	292,566	83,270	320,136	21,802	9,163	(NA)
353	Construction and like equipment.....	240,308	75,573	(NA)	194,001	110,423	(NA)
3531	Construction machinery.....	135,996	44,493	*16,262	140,915	77,843	*9,500
3532	Mining machinery and equipment.....	15,781	5,965	3,628	14,702	10,957	...
3533	Oil field machines and equipment.....	32,235	7,703	*10,231	22,467	11,803	*1,694
3534	Elevators and moving stairways.....	7,508	2,402	(NA)	1,610	1,275	(NA)
3535	Conveyors.....	13,847	5,229	(NA)	3,250	1,820	(NA)
3536	Hoists, cranes, and monorails.....	10,881	4,203	297	5,202	3,303	350
3537	Industrial trucks and tractors.....	24,060	5,578	1,805	5,855	3,422	(NA)
354	Metalworking machinery.....	144,165	52,996	(NA)	39,146	21,189	(NA)
3541	Metal-cutting machine tools.....	64,015	23,620	14,841	1,748	1,323	(NA)
3542	Metal-forming machine tools.....	30,032	9,984	10,541	15,235	8,132	(NA)
3544	Special dies and tools.....	32,642	12,487	(NA)	4,086	2,441	(NA)
3545	Machine tool accessories.....	5,956	2,426	(NA)	503	375	(NA)
3548	Metalworking machinery, nec.....	11,520	4,479	(NA)	17,574	8,918	(NA)
355	Special industry machinery.....	130,298	47,758	(NA)	26,886	14,092	(NA)
3551	Food products machinery.....	18,357	6,726	(NA)	7,668	2,209	(NA)
3552	Textile machinery.....	25,351	9,108	2,348	xxx	xxx	xxx
3553	Woodworking machinery.....	11,221	3,492	4,187	2,128	1,251	(NA)
3554	Paper industries machinery.....	24,996	9,900	33,491	2,729	2,408	(NA)
3555	Printing trades machinery.....	25,656	10,302	(NA)	xxx	xxx	xxx
3559	Special industry machinery, nec.....	24,717	8,230	*24,235	14,361	8,224	*17,713
356	General industrial machinery.....	213,807	73,053	(NA)	32,315	31,309	(NA)
3561	Pumps and compressors.....	128,352	46,834	*64,770	11,605	16,954	*1,206
3562	Ball and roller bearings.....	6,863	2,315	(NA)	4,022	2,666	(NA)
3564	Blowers and fans.....	5,978	2,247	(NA)	1,389	1,205	(NA)

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-53

Selected Industry Groups and Industries: 1958

Castings - rough and semifinished--Continued						Forgings				Code
Aluminum and aluminum-base alloy (336111)			Copper and copper-base alloy (336121)			Iron and steel (339111) received from other establishments ²		Aluminum and aluminum-base alloy (339941) received from other establishments ²		
Received from other establishments ²		Produced and consumed in the same establishment (1,000 pounds)	Received from other establishments ²		Produced and consumed in the same establishment (1,000 pounds)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	
Quantity (1,000 pounds)	Delivered cost (\$1,000)		Quantity (1,000 pounds)	Delivered cost (\$1,000)						
446,189	311,667	(NA)	221,017	142,816	(NA)	1,252,106	636,078	43,615	63,093	
3,818	4,932	(NA)	(NA)	(NA)	(NA)	*6,221	*3,954	5,023	9,729	19
50,178	33,060	(NA)	94,326	50,527	(NA)	14,928	9,510	xxx	xxx	34
127,799	94,436	(NA)	*72,888	*51,802	(NA)	408,565	220,781	xxx	xxx	35
*67,254	*51,914	(NA)	22,781	17,184	(NA)	3,898	3,438	xxx	xxx	36
*175,486	*107,645	(NA)	14,478	11,538	(NA)	*815,356	*394,503	38,592	53,364	37
18,592	16,233	(NA)	15,542	10,915	(NA)	xxx	xxx	xxx	xxx	38
xxx	xxx	xxx	795	518	(NA)	xxx	xxx	xxx	xxx	39
3,818	4,932	(NA)	(NA)	(NA)	(NA)	*6,221	*3,954	5,023	9,729	19
1,170	2,782	(NA)	(D)	(D)	...	(D)	(D)	5,023	9,729	1925
2	10	(NA)	...	...	...	196	219	xxx	xxx	1951
2,646	2,140	(NA)	63	39	(NA)	6,025	3,735	xxx	xxx	1999
50,178	33,060	(NA)	94,326	50,527	(NA)	14,928	9,510	xxx	xxx	34
7,557	4,659	(NA)	9,719	6,837	(NA)	xxx	xxx	xxx	xxx	342
137	146	(NA)	109	67	(NA)	xxx	xxx	xxx	xxx	3421
2,551	1,725	(NA)	364	264	(NA)	xxx	xxx	xxx	xxx	3423
4,869	2,788	(NA)	9,246	6,506	(NA)	xxx	xxx	xxx	xxx	3429
1,495	1,157	(NA)	21,264	11,504	(NA)	xxx	xxx	xxx	xxx	343
...	...	...	126	91	(NA)	xxx	xxx	xxx	xxx	3431
121	117	(NA)	19,906	10,656	*46,709	xxx	xxx	xxx	xxx	3432
1,379	1,040	152	1,232	757	(NA)	xxx	xxx	xxx	xxx	3433
25,449	16,550	(NA)	2,787	2,078	(NA)	xxx	xxx	xxx	xxx	344
1,936	1,795	(NA)	272	176	(NA)	xxx	xxx	xxx	xxx	3441
20,280	11,961	(NA)	153	149	(NA)	xxx	xxx	xxx	xxx	3442
(NA)	194	(NA)	1,574	1,270	(NA)	xxx	xxx	xxx	xxx	3443
480	396	(NA)	207	170	(NA)	xxx	xxx	xxx	xxx	3444
2,455	2,204	(NA)	581	313	(NA)	xxx	xxx	xxx	xxx	3449
2,191	1,278	(NA)	(NA)	(NA)	(NA)	xxx	xxx	xxx	xxx	345
664	501	(NA)	647	404	(NA)	xxx	xxx	xxx	xxx	3451
1,527	777	(NA)	(D)	(D)	(NA)	xxx	xxx	xxx	xxx	3452
7,179	4,697	(NA)	509	327	(NA)	xxx	xxx	xxx	xxx	3461
1,141	564	(NA)	(D)	(D)	...	xxx	xxx	xxx	xxx	3481
5,166	4,155	(NA)	56,334	27,514	*127,097	14,928	9,510	xxx	xxx	3494
127,799	94,436	(NA)	*72,888	*51,802	(NA)	408,565	220,781	xxx	xxx	35
37,052	30,469	(NA)	9,913	7,280	(NA)	65,630	64,322	xxx	xxx	351
xxx	xxx	xxx	7,397	5,195	(NA)	30,093	48,195	xxx	xxx	3511
37,052	30,469	(NA)	2,516	2,085	(NA)	35,537	16,127	xxx	xxx	3519
6,705	4,274	1,044	2,003	1,192	(NA)	70,490	26,799	xxx	xxx	3522
5,786	3,955	(NA)	8,765	6,223	(NA)	192,128	83,590	xxx	xxx	353
5,350	3,435	(D)	4,368	3,284	(D)	161,771	66,649	xxx	xxx	3531
105	97	...	1,429	827	...	7,903	4,435	xxx	xxx	3532
xxx	xxx	xxx	1,377	910	...	21,899	12,101	xxx	xxx	3533
xxx	xxx	xxx	214	171	(NA)	xxx	xxx	xxx	xxx	3534
xxx	xxx	xxx	196	211	(NA)	xxx	xxx	xxx	xxx	3535
331	423	(D)	822	472	(D)	555	405	xxx	xxx	3536
xxx	xxx	xxx	359	348	(NA)	...	...	xxx	xxx	3537
13,742	11,725	(NA)	6,748	5,530	(NA)	19,028	13,138	xxx	xxx	354
1,650	1,333	(NA)	1,558	1,278	(NA)	4,723	3,245	xxx	xxx	3541
273	332	(NA)	1,589	1,221	(NA)	5,156	3,172	xxx	xxx	3542
1,044	714	(NA)	743	583	(NA)	1,501	1,557	xxx	xxx	3544
1,239	1,204	(NA)	135	141	(NA)	1,076	1,137	xxx	xxx	3545
9,536	8,142	(NA)	2,723	2,307	(NA)	6,572	4,027	xxx	xxx	3548
12,931	9,452	(NA)	7,136	5,938	(NA)	479	882	xxx	xxx	355
2,849	2,252	(NA)	2,900	2,206	(NA)	xxx	xxx	xxx	xxx	3551
1,555	1,370	(NA)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	3552
4,717	1,886	(NA)	101	576	(NA)	479	882	xxx	xxx	3553
xxx	xxx	xxx	978	750	(NA)	xxx	xxx	xxx	xxx	3554
1,195	1,303	(NA)	1,005	762	(NA)	xxx	xxx	xxx	xxx	3555
2,615	2,641	(NA)	2,152	1,644	(NA)	xxx	xxx	xxx	xxx	3559
7,165	6,599	(NA)	28,436	19,451	(NA)	57,572	30,668	xxx	xxx	356
2,646	2,854	1,991	19,550	13,183	7,968	8,044	5,983	xxx	xxx	3561
...	...	...	1,475	1,267	(NA)	14,908	9,814	xxx	xxx	3562
2,297	1,902	(NA)	319	241	(NA)	xxx	xxx	xxx	xxx	3564

MANUFACTURES—SUMMARY STATISTICS

Table 1C.—Consumption of Selected Castings and Forgings by

Code	Major group, industry group or industry ¹	Castings - rough and semifinished					
		Iron (gray and malleable) (332011)			Steel (332311)		
		Received from other establishments ²		Produced and consumed in the same	Received from other establishments ²		Produced and consumed in the same establishment
		Quantity (short tons)	Delivered cost (\$1,000)		Quantity (short tons)	Delivered cost (\$1,000)	
35	Machinery, except electrical--Continued						
356	General industrial machinery--Continued						
3566	Power transmission equipment.....	63,089	17,936	*28,175	11,439	6,865	(NA)
3567	Industrial furnaces and ovens.....	xxx	xxx	xxx	2,042	2,345	(NA)
3569	General industry machinery, nec.....	9,525	3,721	1,703	1,818	1,274	(NA)
357	Office machines, nec.....	xxx	xxx	xxx	2,937	1,573	(NA)
3571	Computing and related machines.....	xxx	xxx	xxx	298	246	(NA)
3572	Typewriters.....	xxx	xxx	xxx	1,824	827	(NA)
3576	Scales and balances.....	xxx	xxx	xxx	668	345	(NA)
3579	Office machines, nec.....	xxx	xxx	xxx	147	155	(NA)
358	Service industry machines.....	*123,599	*33,565	(NA)	8,307	3,067	(NA)
3581	Automatic vending machines.....	...	...	...	(NA)	623	(NA)
3582	Commercial laundry equipment.....	8,301	2,989	(NA)	253	213	(NA)
3584	Vacuum cleaners, industrial.....	(D)	(D)	(NA)	...	...	...
3585	Refrigeration machinery.....	98,881	25,158	5,477	5,754	1,871	(NA)
3586	Measuring and dispensing pumps.....	10,164	2,827	(NA)	xxx	xxx	xxx
3589	Service industry machines, nec.....	6,253	2,591	(NA)	612	360	(NA)
3599	Machine shops.....	45,036	17,939	7,628	13,977	9,078	(NA)
36	Electrical machinery.....	158,737	53,111	(NA)	*26,224	*16,223	(NA)
361	Electric distribution products.....	xxx	xxx	xxx	5,354	5,159	(NA)
3611	Electric measuring instruments.....	xxx	xxx	xxx	1,126	1,007	(NA)
3612	Transformers.....	xxx	xxx	xxx	586	650	(NA)
3613	Switchgears and switchboards.....	xxx	xxx	xxx	3,642	3,502	(NA)
362	Electric industrial apparatus.....	63,707	21,535	(NA)	9,631	5,265	(NA)
3621	Motors and generators.....	63,707	21,535	(D)	4,916	3,443	...
3622	Industrial controls.....	xxx	xxx	xxx	3,650	1,450	(NA)
3623	Welding apparatus.....	xxx	xxx	xxx	1,065	372	(NA)
363	Household appliances.....	61,807	18,944	(NA)	*484	*385	(NA)
3631	Household cooking equipment.....	7,351	2,838	7,105	...	...	...
3632	Household refrigerators.....	14,851	2,974	(NA)	...	...	...
3633	Household laundry equipment.....	28,948	8,854	(NA)	...	...	...
3634	Electric housewares and fans.....	xxx	xxx	...	...	...	...
3635	Household vacuum cleaners.....	...	...	...	(D)	(D)	...
3636	Sewing machines.....	1,896	1,092	(NA)	...	...	...
3639	Household appliances, nec.....	8,781	3,186	(NA)	844	385	(NA)
364	Lighting and wiring devices.....	21,622	9,633	(NA)	4,053	2,411	(NA)
3642	Lighting fixtures.....	4,421	1,369	(NA)	3,371	1,886	(NA)
3643	Current carrying devices.....	482	311	(NA)	272	242	(NA)
3644	Noncurrent carrying devices.....	16,719	7,953	(NA)	410	283	(NA)
3651	Radios and TV receiving sets.....	xxx	xxx	xxx	512	289	(NA)
366	Communication equipment.....	xxx	xxx	xxx	5,445	2,452	(NA)
3661	Telephone; telegraph apparatus.....	xxx	xxx	xxx	...	...	...
3662	Radio, TV communication equipment.....	xxx	xxx	xxx	5,445	2,452	(NA)
3679	Electronic components, nec.....	xxx	xxx	xxx	385	262	(NA)
3694	Engine electrical equipment.....	11,601	2,999	(NA)	...	...	...
37	Transportation equipment.....	1,945,995	486,027	(NA)	220,223	132,553	(NA)
371	Motor vehicles and equipment.....	1,909,116	467,765	(NA)	69,304	26,834	(NA)
3713	Truck and bus bodies.....	1,378	516	(NA)	1,280	446	(NA)
3715	Truck trailers.....	668	310	(NA)	5,197	3,039	(NA)
3717	Motor vehicles and parts.....	1,907,070	466,939	*479,177	62,827	23,349	*29,146
372	Aircraft and parts.....	xxx	xxx	xxx	39,556	61,439	(NA)
3721	Aircraft.....	xxx	xxx	xxx	1,028	1,718	(NA)
3722	Aircraft engines and parts.....	xxx	xxx	xxx	21,316	39,507	(NA)
3723	Aircraft propellers and parts.....	xxx	xxx	xxx	...	...	...
3729	Aircraft equipment, nec.....	xxx	xxx	xxx	17,212	20,214	(NA)
373	Ships and boats.....	xxx	xxx	xxx	10,597	6,374	(NA)
3731	Ship building and repairing.....	xxx	xxx	xxx	10,448	6,278	3,819
3732	Boat building and repairing.....	xxx	xxx	xxx	149	96	(NA)
374	Railroad equipment.....	36,656	18,173	(NA)	93,973	36,866	(NA)
3741	Locomotives and parts.....	14,468	7,905	(NA)	17,583	9,802	(NA)
3742	Railroad and street cars.....	22,188	10,268	(NA)	76,390	27,064	(NA)

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-55

Selected Industry Groups and Industries: 1958-Continued

Castings - rough and semifinished--Continued						Forgings				Code
Aluminum and aluminum-base alloy (336111)			Copper and copper-base alloy (336121)			Iron and steel (339111) received from other establishments ²		Aluminum and aluminum-base alloy (339941) received from other establishments ²		
Received from other establishments ²		Produced and consumed in the same establishment (1,000 pounds)	Received from other establishments ²		Produced and consumed in the same establishment (1,000 pounds)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	
Quantity (1,000 pounds)	Delivered cost (\$1,000)		Quantity (1,000 pounds)	Delivered cost (\$1,000)						
1,544	1,223	...	5,538	3,693	*13,548	34,620	14,871	xxx	xxx	35
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	356
678	620	(NA)	1,554	1,067	(NA)	xxx	xxx	xxx	xxx	3566
										3567
										3569
8,773	7,096	(NA)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	357
1,379	1,141	(NA)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	3571
3,665	2,676	(NA)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	3572
2,032	1,490	(NA)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	3576
1,697	1,789	(NA)	xxx	xxx	xxx	xxx	xxx	xxx	xxx	3579
12,760	7,979	(NA)	*4,633	*3,344	(NA)	3,238	1,382	xxx	xxx	358
757	528	(NA)	...	...	...	xxx	xxx	xxx	xxx	3581
493	512	(NA)	411	334	(NA)	xxx	xxx	xxx	xxx	3582
436	852	(NA)	(D)	(D)	(NA)	xxx	xxx	xxx	xxx	3584
7,750	3,433	(NA)	2,446	1,793	(NA)	3,238	1,382	xxx	xxx	3585
1,294	1,038	(NA)	558	368	(NA)	xxx	xxx	xxx	xxx	3586
2,030	1,616	(NA)	1,218	849	(NA)	xxx	xxx	xxx	xxx	3589
22,885	12,887	(NA)	5,254	2,844	1,045	xxx	xxx	xxx	xxx	3599
*67,254	*51,914	(NA)	22,781	17,184	(NA)	3,898	3,438	xxx	xxx	36
4,460	3,276	(NA)	9,366	6,711	(NA)	xxx	xxx	xxx	xxx	361
2,346	1,533	(NA)	572	403	(NA)	xxx	xxx	xxx	xxx	3611
xxx	xxx	xxx	544	587	(NA)	xxx	xxx	xxx	xxx	3612
2,114	1,723	(NA)	8,250	5,721	(NA)	xxx	xxx	xxx	xxx	3613
13,033	8,797	(NA)	4,340	3,446	(NA)	3,038	2,883	xxx	xxx	362
11,225	7,681	*5,174	1,184	980	311	3,038	2,883	xxx	xxx	3621
1,808	1,116	(NA)	377	262	(NA)	xxx	xxx	xxx	xxx	3622
xxx	xxx	xxx	2,779	2,204	(NA)	xxx	xxx	xxx	xxx	3623
*26,579	*20,131	(NA)	1,273	881	(NA)	860	555	xxx	xxx	363
1,038	637	(NA)	69	78	(NA)	xxx	xxx	xxx	xxx	3631
(D)	(D)	...	...	...	...	860	555	xxx	xxx	3632
10,133	5,564	(NA)	...	...	...	xxx	xxx	xxx	xxx	3633
9,105	8,228	(NA)	...	...	...	xxx	xxx	xxx	xxx	3634
4,100	3,715	(NA)	...	...	...	xxx	xxx	xxx	xxx	3635
(D)	(D)	...	...	...	...	xxx	xxx	xxx	xxx	3636
2,203	1,987	(NA)	1,204	803	(NA)	xxx	xxx	xxx	xxx	3639
14,234	10,399	(NA)	4,743	3,549	(NA)	xxx	xxx	xxx	xxx	364
7,735	5,567	(NA)	699	549	(NA)	xxx	xxx	xxx	xxx	3642
1,362	1,265	(NA)	3,050	2,211	(NA)	xxx	xxx	xxx	xxx	3643
5,137	3,567	3,082	994	789	(NA)	xxx	xxx	xxx	xxx	3644
(NA)	1,229	(NA)	...	...	...	xxx	xxx	xxx	xxx	3651
4,903	5,538	(NA)	2,484	2,114	(NA)	xxx	xxx	xxx	xxx	366
800	921	(NA)	31	56	(NA)	xxx	xxx	xxx	xxx	3661
4,103	4,617	(NA)	2,453	2,058	(NA)	xxx	xxx	xxx	xxx	3662
1,186	1,215	(NA)	321	290	(NA)	xxx	xxx	xxx	xxx	3679
1,225	1,329	(NA)	254	193	(NA)	xxx	xxx	xxx	xxx	3694
*175,486	*107,645	(NA)	14,478	11,538	(NA)	*815,356	*394,503	38,592	53,364	37
147,425	72,082	(NA)	4,146	2,635	(NA)	*654,262	*222,112	xxx	xxx	371
151	155	(NA)	109	148	(NA)	(D)	(D)	xxx	xxx	3713
281	315	(NA)	...	...	...	68	144	xxx	xxx	3715
146,993	71,612	*9,130	4,037	2,487	(NA)	654,194	221,968	xxx	xxx	3717
*26,394	*34,035	(NA)	2,461	2,298	(NA)	*91,981	*151,210	38,592	53,364	372
5,143	9,986	(NA)	126	161	(NA)	3,032	7,358	12,613	25,452	3721
8,243	10,258	(NA)	1,067	846	(NA)	59,139	126,240	12,076	13,476	3722
(D)	(D)	...	568	609	(NA)	(D)	(D)	3,311	3,408	3723
13,008	13,791	(NA)	700	682	(NA)	29,810	17,612	10,592	11,028	3729
xxx	xxx	xxx	6,661	5,785	(NA)	xxx	xxx	xxx	xxx	373
xxx	xxx	xxx	5,980	4,689	1,131	xxx	xxx	xxx	xxx	3731
xxx	xxx	xxx	681	1,096	(NA)	xxx	xxx	xxx	xxx	3732
1,378	1,374	(NA)	1,210	820	(NA)	66,544	19,987	xxx	xxx	374
954	992	(NA)	593	567	(NA)	13,185	5,355	xxx	xxx	3741
444	382	(NA)	617	253	(NA)	53,359	14,632	xxx	xxx	3742

MANUFACTURES—SUMMARY STATISTICS

Table 1C.—Consumption of Selected Castings and Forgings by

Code	Major group, industry group or industry ¹	Castings - rough and semifinished					
		Iron (gray and malleable) (332011)			Steel (332311)		
		Received from other establishments ²		Produced and consumed in the same establishment (short tons)	Received from other establishments ²		Produced and consumed in the same establishment (short tons)
		Quantity (short tons)	Delivered cost (\$1,000)		Quantity (short tons)	Delivered cost (\$1,000)	
37	Transportation equipment--Continued						
3751	Motorcycles, bicycles, and parts.....	xxx	xxx	xxx	237	180	(NA)
379	Transportation equipment, nec.....	223	89	(NA)	6,556	860	(NA)
3791	Trailer coaches.....	...	...	...	4,632	448	(NA)
3799	Transportation equipment.....	223	89	(NA)	1,924	412	(NA)
38	Instruments and related products.....	xxx	xxx	xxx	10,675	7,330	(NA)
3811	Scientific instruments.....	xxx	xxx	xxx	1,453	1,563	(NA)
382	Mechanical measuring devices.....	xxx	xxx	xxx	9,222	5,767	(NA)
3821	Mechanical measuring devices.....	xxx	xxx	xxx	8,033	5,138	(NA)
3822	Automatic temperature controls.....	xxx	xxx	xxx	1,189	629	(NA)
3914	Silverware and plated ware.....	xxx	xxx	xxx	xxx	xxx	xxx

*Revised. Differs from figures published in table 7, Volume II, Industry Statistics.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Major Group (2-digit) and Industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

Selected Industry Groups and Industries: 1958-Continued

Castings - rough and semifinished--Continued						Forgings				Code
Aluminum and aluminum-base alloy (336111)			Copper and copper-base alloy (336121)			Iron and steel (339111) received from other establishments ²		Aluminum and aluminum-base alloy (339941) received from other establishments ²		
Received from other establishments ²		Produced and consumed in the same establishment (1,000 pounds)	Received from other establishments ²		Produced and consumed in the same establishment (1,000 pounds)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	
Quantity (1,000 pounds)	Delivered cost (\$1,000)		Quantity (1,000 pounds)	Delivered cost (\$1,000)						
xxx	xxx	xxx	xxx	xxx	xxx	2,381	1,111	xxx	xxx	37
*289	*154	(NA)	...	...	...	*188	*85	xxx	xxx	379
289	154	(NA)	...	...	...	(D)	(D)	xxx	xxx	3791
(D)	(D)	...	...	...	...	*188	*85	xxx	xxx	3799
18,592	16,233	(NA)	15,542	10,915	(NA)	xxx	xxx	xxx	xxx	38
2,920	4,729	(NA)	596	614	(NA)	xxx	xxx	xxx	xxx	3811
15,672	11,504	(NA)	14,946	10,301	(NA)	xxx	xxx	xxx	xxx	382
10,552	8,064	(NA)	12,411	8,719	(NA)	xxx	xxx	xxx	xxx	3821
5,120	3,440	(NA)	2,535	1,582	(NA)	xxx	xxx	xxx	xxx	3822
xxx	xxx	xxx	795	518	(NA)	xxx	xxx	xxx	xxx	3914

²Includes quantities received as interplant transfers from establishments owned by the same company.

³The "metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

⁴Excludes figures for the 4-digit industries within the Major Group, which may not be shown without disclosing figures for individual companies.

⁵Includes data for Industries 1911, Guns, Howitzers, Mortars, and Related Equipment; 1921, Artillery Ammunition; 1922, Ammunition Loading and Assembling; 1929, Ammunition, NEC; 1931, Tanks and Tank Components; 1941, Sighting and Fire Control Equipment; and 1999, Ordnance and Accessories, NEC.

MANUFACTURES—SUMMARY STATISTICS

Table 1D.—Consumption of Pig Iron and Selected Nonferrous Refinery Shapes by Specified Industry Groups and Industries: 1958

Code	Major group, industry group or industry ^{1,2}	Pig iron ³ (331251)		Refinery shapes ³					
		Quantity (short tons)	Delivered cost (\$1,000)	Copper and copper-base alloy (333111, 333113, and 333115)		Zinc and zinc-base alloy (333311 and 333315)		Aluminum and aluminum-base alloy (333411, 333421, and 333423)	
				Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	Chemical, primary metal, and metal fabricating industries, total.....	⁴ 59,929,031	⁵ 550,602	1,243,329	668,021	680,685	154,447	⁶ 1,704,570	⁶ 858,527
28	Chemicals and allied products.....	xxx	xxx	xxx	xxx	11,989	2,797	xxx	xxx
33	Primary metal industries.....	⁴ 8,809,734	⁵ 477,722	1,153,349	621,665	573,716	126,089	⁶ 1,626,296	⁶ 817,068
34	Fabricated metal products.....	⁵ 415,359	⁵ 26,399	68,334	33,714	80,627	22,099	50,297	28,186
35	Machinery, except electrical.....	⁴ 57,544	29,575	14,402	8,131	xxx	xxx	10,955	5,054
36	Electrical machinery.....	⁵ 8,703	⁵ 597	6,555	4,082	14,353	3,462	14,597	6,597
37	Transportation equipment.....	237,691	16,369	689	429	xxx	xxx	2,425	1,622
28	Chemicals and allied products.....	xxx	xxx	xxx	xxx	11,989	2,797	xxx	xxx
2815	Intermediate coal tar products.....	xxx	xxx	xxx	xxx	319	78	xxx	xxx
2818	Organic chemicals, nec.....	xxx	xxx	xxx	xxx	3,102	834	xxx	xxx
2819	Inorganic chemicals, nec.....	xxx	xxx	xxx	xxx	(NA)	1,885	xxx	xxx
33	Primary metal industries.....	⁴ 8,809,734	⁵ 477,722	1,153,349	621,665	573,716	126,089	⁶ 1,626,296	⁶ 817,068
331	Steel rolling and finishing.....	⁴ 5,449,575	264,193	18,947	10,881	267,536	54,810	(NA)	(NA)
3312	Blast furnaces and steel mills.....	⁴ 5,449,575	264,193	18,600	10,704	247,076	50,483	35,028	14,875
3313	Electrometallurgical products.....	xxx	xxx	(D)	(D)	(D)	(D)	3,687	1,796
3315	Steel wire drawing.....	xxx	xxx	(D)	(D)	xxx	xxx	(D)	(D)
3317	Steel pipe and tubes.....	xxx	xxx	...	...	(D)	(D)	...	...
332	Iron and steel foundries ⁷	3,357,303	213,342	6,061	3,764	(NA)	(NA)	4,704	2,380
3321	Gray iron foundries ⁷	3,095,200	195,745	4,919	3,024	135	51	2,465	1,252
3322	Malleable iron foundries ⁷	178,977	12,022	597	363	(D)	(D)	885	512
3323	Steel foundries ⁷	83,126	5,575	545	377	...	...	1,354	616
333	Primary nonferrous metal.....	xxx	xxx	1,994	1,012	4,845	1,050	2,981	1,438
3331	Primary copper.....	xxx	xxx	...	...	...	...	...	...
3332	Primary lead.....	xxx	xxx	...	...	(D)	(D)	...	...
3333	Primary zinc.....	xxx	xxx	(D)	(D)	(D)	(D)	...	...
3334	Primary aluminum.....	xxx	xxx	(D)	(D)	(D)	(D)	2,981	1,438
3341	Secondary nonferrous metals.....	xxx	xxx	3,729	2,030	65,346	14,284	20,931	10,199
335	Nonferrous rolling and drawing.....	xxx	xxx	1,042,908	561,863	(NA)	(NA)	(NA)	(NA)
3351	Copper rolling and drawing.....	xxx	xxx	831,822	448,936	70,119	15,654	57,494	31,219
3352	Aluminum rolling and drawing.....	xxx	xxx	1,493	765	(D)	(D)	⁶ 1,262,365	⁶ 643,342
3356	Rolling and drawing, nec.....	xxx	xxx	4,249	2,472	39,478	8,682	2,639	1,334
3357	Nonferrous wire drawing, etc.....	xxx	xxx	*205,344	*109,690	xxx	xxx	(D)	(D)
336	Nonferrous foundries ⁷	2,856	187	79,710	42,115	122,766	30,766	224,977	104,631
3361	Aluminum castings ⁷	1,390	87	8,974	4,795	30,522	7,610	196,823	92,445
3362	Brass, bronze, copper castings ⁷	1,466	100	70,093	36,985	826	203	8,196	3,853
3369	Nonferrous castings, nec.....	...	...	643	335	91,148	22,953	19,958	8,353
34	Fabricated metal products.....	⁵ 415,359	⁵ 26,399	68,334	33,714	80,627	22,099	50,297	28,186
3429	Hardware, nec.....	xxx	xxx	7,512	3,879	61,802	17,144	xxx	xxx
343	Plumbing and nonelectric heating.....	261,732	16,795	18,391	8,230	xxx	xxx	xxx	xxx
3431	Metal plumbing fixtures.....	175,339	11,502	...	...	xxx	xxx	xxx	xxx
3432	Plumbing fittings, brass goods.....	...	...	18,391	8,230	xxx	xxx	xxx	xxx
3433	Nonelectric heating equipment.....	86,393	5,293	xxx	xxx	xxx	xxx	xxx	xxx
344	Structural metal products.....	⁵ 48,346	⁵ 3,008	xxx	xxx	7,435	2,324	45,074	23,467
3441	Fabricated structural steel.....	3,271	215	xxx	xxx	2,890	685	(D)	(D)
3442	Metal doors, sash, and trim.....	(D)	(D)	xxx	xxx	212	216	40,081	21,207
3443	Boiler shop products.....	⁴ 2,792	2,641	xxx	xxx	505	109	(D)	(D)
3444	Sheet metal work.....	xxx	xxx	xxx	xxx	2,447	625	(D)	(D)
3449	Miscellaneous metal work, nec.....	2,283	152	xxx	xxx	1,381	689	3,642	1,800
3461	Metal stampings.....	xxx	xxx	xxx	xxx	11,390	2,631	xxx	xxx
349	Fabricated metal products, nec.....	105,281	6,596	42,431	21,605	xxx	xxx	5,223	4,719
3494	Valves and pipe fittings.....	105,281	6,596	42,431	21,605	xxx	xxx	xxx	xxx
3496	Collapsible tubes.....	xxx	xxx	xxx	xxx	xxx	xxx	5,223	4,719
35	Machinery, except electrical.....	457,544	29,575	14,402	8,131	xxx	xxx	10,955	5,054
3519	Internal combustion engines.....	14,549	951	xxx	xxx	xxx	xxx	9,646	4,377
3522	Farm machinery and equipment.....	171,619	11,106	xxx	xxx	xxx	xxx	xxx	xxx
353	Construction and like equipment.....	39,333	2,587	xxx	xxx	xxx	xxx	xxx	xxx
3531	Construction machinery.....	20,858	1,357	xxx	xxx	xxx	xxx	xxx	xxx
3532	Mining machinery and equipment.....	5,124	387	xxx	xxx	xxx	xxx	xxx	xxx
3533	Oil field machines and equipment.....	5,692	363	xxx	xxx	xxx	xxx	xxx	xxx

See footnotes at end of table.

Table 1D.—Consumption of Pig Iron and Selected Nonferrous Refinery Shapes by Specified Industry Groups and Industries: 1958—Continued

Code	Major group, industry group or industry ^{1 2}	Pig iron ³ (331251)		Refinery shapes ⁴					
		Quantity (short tons)	Delivered cost (\$1,000)	Copper and copper-base alloy (333111, 333113, and 333115)		Zinc and zinc-base alloy (333311 and 333315)		Aluminum and aluminum-base alloy (333411, 333421, and 333423)	
				Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
35	Machinery, except electrical--Continued								
353	Construction and like equipment--Continued								
3534	Elevators and moving stairways.....	1,965	134	xxx	xxx	xxx	xxx	xxx	xxx
3535	Conveyors.....	3,650	223	xxx	xxx	xxx	xxx	xxx	xxx
3537	Industrial trucks and tractors.....	2,044	123	xxx	xxx	xxx	xxx	xxx	xxx
354	Metalworking machinery.....	71,638	4,614	xxx	xxx	xxx	xxx	xxx	xxx
3541	Metal-cutting machine tools.....	8,284	554	xxx	xxx	xxx	xxx	xxx	xxx
3542	Metal-forming machine tools.....	5,801	392	xxx	xxx	xxx	xxx	xxx	xxx
3544	Special dies and tools.....	39,432	2,495	xxx	xxx	xxx	xxx	xxx	xxx
3545	Machine tool accessories.....	2,785	214	xxx	xxx	xxx	xxx	xxx	xxx
3548	Metalworking machinery, nec.....	15,338	959	xxx	xxx	xxx	xxx	xxx	xxx
355	Special industry machinery.....	108,119	6,915	598	307	xxx	xxx	1,309	677
3551	Food products machinery.....	4,601	313	xxx	xxx	xxx	xxx	xxx	xxx
3552	Textile machinery.....	16,961	1,074	xxx	xxx	xxx	xxx	xxx	xxx
3553	Woodworking machinery.....	6,501	397	xxx	xxx	xxx	xxx	xxx	xxx
3554	Paper industries machinery.....	58,741	3,647	598	307	xxx	xxx	xxx	xxx
3555	Printing trades machinery.....	2,223	187	xxx	xxx	xxx	xxx	xxx	xxx
3559	Special industry machinery, nec.....	19,092	1,297	xxx	xxx	xxx	xxx	1,309	677
356	General industrial machinery.....	52,286	3,402	13,804	7,824	xxx	xxx	xxx	xxx
3561	Pumps and compressors.....	36,645	2,293	4,009	2,018	xxx	xxx	xxx	xxx
3564	Blowers and fans.....	1,285	82	xxx	xxx	xxx	xxx	xxx	xxx
3566	Power transmission equipment.....	13,544	972	9,795	5,806	xxx	xxx	xxx	xxx
3569	General industry machinery, nec.....	812	55	xxx	xxx	xxx	xxx	...	...
36	Electrical machinery.....	⁵ 8,703	⁵ 537	6,555	4,082	14,353	3,462	14,597	6,597
3621	Motors and generators.....	xxx	xxx	576	416	864	479	xxx	xxx
363	Household appliances.....	(NA)	(NA)	xxx	xxx	xxx	xxx	⁸ 8,898	⁸ 3,907
364	Lighting and wiring devices.....	8,703	537	5,979	3,666	13,489	2,983	3,119	1,606
3642	Lighting fixtures.....	xxx	xxx	xxx	xxx	xxx	xxx	1,100	636
3643	Current carrying devices.....	...	...	4,428	2,760	...	...	505	242
3644	Noncurrent carrying devices.....	8,703	537	1,551	906	13,489	2,983	1,514	728
3694	Engine electrical equipment.....	(D)	(D)	xxx	xxx	xxx	xxx	2,580	1,084
37	Transportation equipment.....	237,691	16,369	689	429	xxx	xxx	2,425	1,622
3717	Motor vehicles and parts.....	222,568	15,447	xxx	xxx	xxx	xxx	2,425	1,622
3731	Ship building and repairing.....	1,167	73	689	429	xxx	xxx	xxx	xxx
3742	Railroad and street cars.....	13,956	849	...	...	xxx	xxx	xxx	xxx

*Revised. Differs from figures published in table 7, Volume II, Industry Statistics.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

¹Major Group (2-digit) and Industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²Data showing the consumption of refinery shapes on a toll basis are included in the industry of the establishment owning the materials rather than in the industry in which such materials were processed. No separate data are available for refinery shapes processed on a toll basis.

³Includes quantities received as interplant transfers from establishments owned by the same company.

⁴Excludes 47,499 thousand short tons produced and consumed in the same establishment in Industry 3312, Blast Furnaces and Steel Mills.

⁵Excludes figures for the 4-digit industries within the major group, which may not be shown without disclosing figures for individual companies.

⁶Includes duplication arising from the consumption of aluminum pig by alloying plants (SIC 3352) in the production of 185,921 short tons of aluminum-base alloy ingot, which in turn was consumed by rolling mills, foundries and other consumers. Exact quantity duplicated cannot be determined.

⁷Excludes the quantities of materials consumed in foundry departments of establishments classified in finished product industries. Such quantities are included in the totals for the finished product industries.

⁸Includes data for Industries 3633, Household Laundry Equipment, 3634, Electric Housewares and Fans, and 3635, Household Vacuum Cleaners.

MANUFACTURES—SUMMARY STATISTICS

Table 1E.—Consumption of Selected Metal Scrap by Selected Industry Groups and Industries: 1958

Code	Major group, industry group or industry ^{1 2}	Iron and steel (941011)		Copper and copper-base alloy (941021)		Aluminum and aluminum-base alloy (941031)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
	Primary metal and metal fabricating industries, total.....	24,612,971	876,363	740,691	286,585	562,791	196,388
19	Ordinance and accessories.....	1,411	58	xxx	xxx	...	...
33	Primary metal industries.....	23,199,691	819,137	683,546	259,704	513,079	181,883
34	Fabricated metal products.....	455,822	19,807	39,058	18,180	9,288	4,087
35	Machinery, except electrical.....	598,729	26,095	13,223	5,999	33,491	7,659
36	Electrical machinery.....	12,154	710	3,353	3,697	3,013	986
37	Transportation equipment.....	345,164	10,556	3,588	3,667	3,920	1,773
1999	Ordinance and accessories, nec ⁴	1,411	58	xxx	xxx	...	...
33	Primary metal industries.....	23,199,691	819,137	683,546	259,704	513,079	181,883
331	Steel rolling and finishing.....	18,578,908	639,316	xxx	xxx	xxx	xxx
3312	Blast furnaces and steel mills.....	18,282,612	633,118	xxx	xxx	xxx	xxx
3313	Electrometallurgical products.....	296,296	6,198	xxx	xxx	xxx	xxx
332	Iron and steel foundries.....	4,617,149	179,652	(NA)	(NA)	(NA)	(NA)
3321	Gray iron foundries.....	3,307,779	127,476	1,547	685	350	135
3322	Malleable iron foundries.....	445,250	17,638	(D)	(D)	(D)	(D)
3323	Steel foundries.....	864,120	34,538	...	...	...	...
333	Primary nonferrous metal.....	xxx	xxx	16,555	6,487	(NA)	(NA)
3331	Primary copper.....	xxx	xxx	13,742	5,072	...	...
3333	Primary zinc.....	xxx	xxx	(D)	(D)	(D)	(D)
3334	Primary aluminum.....	xxx	xxx	(D)	(D)	(D)	(D)
3341	Secondary nonferrous metals.....	xxx	xxx	346,565	123,370	308,666	95,858
335	Nonferrous rolling and drawing.....	xxx	xxx	(NA)	(NA)	167,745	74,660
3351	Copper rolling and drawing.....	xxx	xxx	257,846	102,317	2,399	1,156
3352	Aluminum rolling and drawing.....	xxx	xxx	840	420	165,138	73,427
3356	Rolling and drawing, nec.....	xxx	xxx	...	...	208	77
3357	Nonferrous wire drawing, etc.....	xxx	xxx	(D)	(D)	...	...
336	Nonferrous foundries.....	3,634	169	(NA)	(NA)	(NA)	(NA)
3361	Aluminum castings.....	1,284	69	1,567	556	35,004	10,733
3362	Brass, bronze, copper castings.....	2,350	100	55,590	25,111	131	43
3369	Nonferrous castings, nec.....	...	...	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	455,822	19,807	39,058	18,180	9,288	4,087
3429	Hardware, nec.....	xxx	xxx	152	78	xxx	xxx
343	Plumbing and nonelectric heating.....	211,867	8,821	14,702	6,257	xxx	xxx
3431	Metal plumbing fixtures.....	112,430	4,649	...	...	xxx	xxx
3432	Plumbing fittings, brass goods.....	10,297	486	14,702	6,257	xxx	xxx
3433	Nonelectric heating equipment.....	89,140	3,686	xxx	xxx	xxx	xxx
344	Structural metal products.....	109,611	5,086	xxx	xxx	9,288	4,087
3441	Fabricated structural steel.....	26,008	1,051	xxx	xxx	(D)	(D)
3442	Metal doors, sash, and trim.....	...	...	xxx	xxx	7,918	3,436
3443	Boiler shop products.....	63,700	2,988	xxx	xxx	(D)	(D)
3449	Miscellaneous metal work, nec.....	19,903	1,047	xxx	xxx	(NA)	560
3494	Valves and pipe fittings.....	134,344	5,900	24,204	11,845	xxx	xxx
35	Machinery, except electrical.....	598,729	26,095	13,223	5,999	33,491	7,659
3519	Internal combustion engines.....	14,812	700	xxx	xxx	32,068	6,931
3522	Farm machinery and equipment.....	217,967	9,384	xxx	xxx	xxx	xxx
353	Construction and like equipment.....	(NA)	(NA)	xxx	xxx	xxx	xxx
3531	Construction machinery.....	54,222	2,263	xxx	xxx	xxx	xxx
3532	Mining machinery and equipment.....	8,722	427	xxx	xxx	xxx	xxx
3533	Oil field machines and equipment.....	18,662	817	xxx	xxx	xxx	xxx
3534	Elevators and moving stairways.....	(D)	(D)	xxx	xxx	xxx	xxx
3535	Conveyors.....	3,461	157	xxx	xxx	xxx	xxx
3536	Hoists, cranes, and monorails.....	(D)	(D)	xxx	xxx	xxx	xxx
3537	Industrial trucks and tractors.....	1,163	49	xxx	xxx	xxx	xxx
354	Metalworking machinery.....	(NA)	(NA)	xxx	xxx	xxx	xxx
3541	Metal-cutting machine tools.....	7,967	348	xxx	xxx	xxx	xxx
3542	Metal-forming machine tools.....	10,513	469	xxx	xxx	xxx	xxx
3544	Special dies and tools.....	(D)	(D)	xxx	xxx	xxx	xxx
3545	Machine tool accessories.....	628	27	xxx	xxx	xxx	xxx
3548	Metalworking machinery, nec.....	52,171	2,147	xxx	xxx	xxx	xxx
355	Special industry machinery.....	83,034	3,690	388	224	1,413	707
3551	Food products machinery.....	5,128	217	xxx	xxx	xxx	xxx
3552	Textile machinery.....	12,059	515	xxx	xxx	xxx	xxx
3553	Woodworking machinery.....	6,338	241	xxx	xxx	xxx	xxx
3554	Paper industries machinery.....	17,516	1,116	388	224	xxx	xxx
3555	Printing trades machinery.....	2,810	218	xxx	xxx	xxx	xxx
3559	Special industry machinery, nec.....	39,183	1,383	xxx	xxx	1,413	707

See footnotes at end of table.

SELECTED MATERIALS CONSUMED

7-61

Table 1E.—Consumption of Selected Metal Scrap by Selected Industry Groups and Industries: 1958—Continued

Code	Major group, industry group or industry ^{1 2}	Iron and steel (941011)		Copper and copper-base alloy (941021)		Aluminum and aluminum-base alloy (941031)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
35	Machinery, except electrical--Continued						
356	General industrial machinery.....	82,296	3,437	12,835	5,775	10	21
3561	Pumps and compressors.....	46,678	1,883	1,051	880	xxx	xxx
3564	Blowers and fans.....	3,158	111	xxx	xxx	xxx	xxx
3566	Power transmission equipment.....	31,259	1,395	11,784	4,895	xxx	xxx
3569	General industry machinery, nec.....	1,201	48	xxx	xxx	10	21
36	Electrical machinery.....	12,154	710	³ 1,353	³ 697	3,013	986
3621	Motors and generators.....	xxx	xxx	42	37	xxx	xxx
364	Lighting and wiring devices.....	12,154	710	³ 1,311	³ 660	3,013	986
3643	Current carrying devices.....	...	...	1,311	660	2,209	550
3644	Noncurrent carrying devices.....	12,154	710	(D)	(D)	804	436
37	Transportation equipment.....	345,164	10,556	³ 588	³ 667	3,920	1,773
3717	Motor vehicles and parts.....	*316,997	9,541	xxx	xxx	3,920	1,773
373	Ships and boats.....	2,352	94	³ 588	³ 667	xxx	xxx
3731	Ship building and repairing.....	2,352	94	(D)	(D)	xxx	xxx
3732	Boat building and repairing.....	...	...	588	667	xxx	xxx
3742	Railroad and street cars.....	25,815	921	(D)	(D)	xxx	xxx

*Revised. Differs from figures published in table 7, Volume II, Industry Statistics.

D Withheld to avoid disclosing the figures of individual companies.

NA Not available.

¹Data represent only the consumption of purchased scrap in selected industries. No data are available on the quantities of "home" scrap consumed.

²Major Group (2-digit) and Industry group (3-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

³Excludes figures for the 4-digit industries within the Major Group, which may not be shown without disclosing individual company figures.

⁴Includes data for Industries 1911, Guns, Howitzers, Mortars, and Related Equipment; 1921, Artillery Ammunition; 1922, Ammunition Loading and Assembling; 1929, Ammunition, NEC; 1931, Tanks and Tank Components; 1941, Sighting and Fire Control Equipment; and 1999, Ordnance and Accessories, NEC.

MANUFACTURES—SUMMARY STATISTICS

Table 2A.—Consumption of Steel Mill Shapes and

Division and State	All establishments, total	Steel mill shapes and forms							
		Metal fabricating establishments ¹							
		Carbon steel							
		Total		Bars and bar shapes (except concrete reinforcing bars) (331211 and 331243)		Sheet and strip (331212)		Plates (331213)	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
1 United States, total.....	47,273,501	44,767,969	8,198,568	4,894,595	854,519	18,049,585	2,785,854	4,837,571	703,010
2 New England.....	1,362,760	1,350,712	360,012	156,462	35,950	414,756	81,541	148,032	24,369
3 Maine.....	93,501	93,501	18,710	6,559	1,479	5,618	1,232	7,267	919
4 New Hampshire.....	28,772	28,772	7,961	1,959	630	11,758	2,487	3,625	566
5 Vermont.....	20,780	20,780	5,077	2,970	968	5,054	877	1,374	225
6 Massachusetts.....	(D)	694,296	171,138	81,334	18,150	207,305	38,615	106,253	14,167
7 Rhode Island.....	70,877	70,877	18,963	11,545	2,461	11,880	2,531	4,705	785
8 Connecticut.....	(D)	442,486	138,163	52,095	12,262	173,141	35,799	24,808	7,709
9 Middle Atlantic.....	9,606,850	8,669,533	1,597,078	819,034	144,110	3,003,715	469,776	1,298,501	184,644
10 New York.....	2,621,653	2,493,275	486,200	252,271	46,950	1,153,419	185,654	254,702	38,417
11 New Jersey.....	1,531,725	1,527,828	310,489	101,263	20,686	348,991	58,562	154,791	24,480
12 Pennsylvania.....	5,453,472	4,648,430	800,389	465,500	76,474	1,501,305	225,560	889,008	121,747
13 East North Central.....	23,143,067	22,255,337	3,920,285	2,780,490	472,420	11,434,275	1,709,481	1,562,160	225,388
14 Ohio.....	6,153,951	5,898,078	1,049,326	564,382	99,191	3,353,673	498,317	438,088	61,889
15 Indiana.....	2,673,478	2,476,910	447,849	287,590	49,196	1,171,415	184,260	234,236	31,536
16 Illinois.....	5,895,833	5,514,873	967,858	815,715	131,376	2,140,022	336,614	433,637	60,410
17 Michigan.....	(D)	6,307,207	1,061,596	869,842	151,412	3,919,528	561,863	240,212	37,861
18 Wisconsin.....	(D)	2,058,269	393,656	242,961	41,245	849,637	128,427	215,987	33,692
19 West North Central.....	(D)	2,584,007	464,004	321,557	57,532	998,379	162,231	246,484	35,525
20 Minnesota.....	(D)	645,924	114,140	59,804	10,571	312,873	47,194	40,590	6,353
21 Iowa.....	(D)	555,166	95,184	133,332	22,236	223,215	35,332	69,298	9,924
22 Missouri.....	(D)	953,571	175,022	73,477	14,884	327,818	56,575	83,418	11,778
23 North Dakota.....	15,238	15,238	2,591	2,602	450	(D)	(D)	(D)	(D)
24 South Dakota.....	29,721	29,721	4,584	3,722	547	(D)	(D)	(D)	(D)
25 Nebraska.....	167,257	167,257	29,866	17,954	3,013	47,550	8,969	12,999	2,040
26 Kansas.....	235,130	235,130	42,617	30,666	5,831	72,509	11,780	37,521	5,046
27 South Atlantic.....	2,613,783	2,496,577	451,987	166,525	29,186	516,458	82,314	372,485	54,266
28 Delaware.....	95,651	95,651	14,457	4,986	878	13,629	2,126	55,094	6,696
29 Maryland.....	(D)	831,753	147,604	30,236	4,967	126,160	18,878	101,463	13,910
30 District of Columbia.....	6,933	6,933	1,053	(D)	(D)	(D)	(D)	(D)	(D)
31 Virginia.....	(D)	310,823	60,943	32,052	5,022	26,456	5,693	101,190	16,957
32 West Virginia.....	(D)	356,339	55,098	17,110	2,483	191,652	27,709	34,165	4,521
33 North Carolina.....	212,035	212,035	43,441	23,626	5,141	56,386	10,307	16,998	2,805
34 South Carolina.....	60,287	60,287	9,727	(D)	(D)	(D)	(D)	(D)	(D)
35 Georgia.....	244,783	244,783	46,220	20,569	3,481	61,806	10,575	40,315	5,522
36 Florida.....	377,973	377,973	73,444	21,021	4,505	35,991	6,227	19,290	3,256
37 East South Central.....	1,545,726	1,498,821	253,709	166,005	25,851	547,726	84,990	269,868	35,714
38 Kentucky.....	(D)	413,342	76,804	36,267	6,366	249,718	38,698	44,945	6,289
39 Tennessee.....	456,182	456,182	81,385	39,299	6,861	179,697	27,688	71,476	9,373
40 Alabama.....	(D)	550,300	77,615	85,587	11,344	79,248	11,829	139,666	18,029
41 Mississippi.....	98,997	98,997	17,905	6,852	1,280	39,063	6,775	13,781	2,023
42 West South Central.....	2,190,204	2,121,894	369,365	176,509	29,886	399,114	65,217	381,410	56,956
43 Arkansas.....	95,681	95,681	18,856	6,128	1,038	30,049	5,782	5,830	818
44 Louisiana.....	(D)	353,404	55,874	11,138	1,742	80,776	12,068	62,345	9,610
45 Oklahoma.....	(D)	311,652	52,715	33,039	5,349	34,723	5,893	58,723	8,552
46 Texas.....	(D)	1,361,157	241,920	126,204	21,757	253,566	41,474	254,512	37,976
47 Mountain.....	(D)	447,900	80,071	37,465	7,457	61,463	11,044	122,168	18,450
48 Montana.....	9,313	9,313	1,454	1,190	203	3,564	605	2,943	400
49 Idaho.....	22,381	22,381	3,783	3,681	612	3,237	574	(D)	(D)
50 Wyoming.....	2,079	2,079	422	229	42	(D)	(D)	(D)	(D)
51 Colorado.....	(D)	160,764	29,372	20,182	4,393	27,467	4,979	24,747	3,660
52 New Mexico.....	13,958	13,958	2,656	1,916	399	2,610	405	6,212	1,181
53 Arizona.....	57,143	57,143	10,500	2,028	393	10,822	2,046	5,719	817
54 Utah.....	(D)	179,064	31,318	8,053	1,373	11,559	2,055	75,211	11,255
55 Nevada.....	3,198	3,198	566	186	42	(D)	(D)	(D)	(D)
56 Pacific.....	3,448,093	3,343,188	702,057	270,548	52,127	673,699	119,260	436,463	67,698
57 Washington.....	(D)	304,223	59,975	25,452	4,714	42,045	7,706	48,679	7,907
58 Oregon.....	(D)	224,711	42,181	13,873	2,284	49,167	8,333	28,319	4,503
59 California.....	2,867,137	2,814,254	599,901	231,223	45,129	582,487	103,221	359,465	55,288

D Withheld to avoid disclosing figures for individual companies. ¹ Revised.

¹ Metal fabricating establishments include plants whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level. In this table, establishments classified in Industry 3391, "Iron and Steel Forgings" are considered as metal fabricators rather than producers of primary metals. To avoid duplication by counting both the forgings and the bars and billets from which the forgings are produced information for forgings is excluded. The data include tonnages consumed by selected establishments classified in Industry 3315, "Steel Wire Drawing." The tonnages shown for this industry are limited to those establishments producing ferrous nails and spikes from purchased materials. Those establishments included in SIC 3315 which are engaged in the drawing of steel wire are considered as "metal producing establishments."

SELECTED MATERIALS CONSUMED

7-63

Forms by Divisions and States: 1958

Steel mill shapes and forms--Continued												Metal producing establish- ments, ² carbon, alloy, stainless, all mill shapes and forms			
Metal fabricating establishments ¹															
Carbon steel--Continued						Alloy steel (except stainless)								Stainless steel mill shapes and forms (331231, 331247, 331248, and 331249)	
Structural shapes (331215)		Wire and wire products (331217)		All other mill shapes and forms (331209, 331218, 331219, 331241, and 331242)		Bars and bar shapes (331221 and 331246)		All other mill shapes and forms (331225, 331244, and 331245)							
Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	(short tons)			
3,797,284	555,103	2,143,144	470,927	8,157,309	1,534,978	1,354,746	380,377	1,146,889	398,955	386,846	514,845	2,505,532	1		
135,257	21,714	132,921	33,120	174,677	34,178	75,626	41,023	76,227	38,853	36,754	49,264	12,048	2		
16,037	2,352	709	175	(D)	(D)	399	168	(D)	(D)	(D)	(D)	...	3		
3,905	595	3,773	878	(D)	(D)	901	503	1,736	810	(D)	(D)	...	4		
6,105	921	473	171	(D)	(D)	1,241	876	(D)	(D)	94	112	...	5		
72,663	12,281	66,839	14,359	73,427	15,037	30,455	19,048	41,347	21,345	14,673	18,136	(D)	6		
6,897	977	9,059	3,509	20,330	3,826	3,094	921	538	784	2,829	3,169	...	7		
29,650	4,588	52,068	14,028	25,713	6,009	39,536	19,507	28,269	14,393	17,206	23,868	(D)	8		
1,108,590	157,114	345,740	86,523	1,638,642	308,218	190,753	52,142	176,882	76,646	87,676	117,905	937,317	9		
257,141	37,942	88,112	24,421	343,239	70,937	75,312	19,924	34,298	15,041	34,781	46,914	128,378	10		
198,473	30,566	61,283	16,308	580,574	102,881	19,440	8,622	40,855	19,743	22,158	28,641	3,897	11		
652,976	88,606	196,345	45,794	714,829	134,400	96,001	23,596	101,729	41,862	30,737	42,350	805,042	12		
1,098,540	160,071	1,117,224	234,037	2,495,849	472,539	904,386	230,584	687,427	196,141	174,986	219,624	887,730	13		
327,483	48,634	396,387	75,546	370,493	75,353	221,177	60,630	175,225	60,240	51,170	69,526	255,873	14		
205,239	28,428	101,008	21,259	236,992	53,682	161,702	34,990	60,255	20,407	18,473	24,091	196,568	15		
309,153	43,480	314,176	68,944	1,226,122	219,743	92,081	26,881	153,054	38,235	30,913	42,175	380,960	16		
175,912	27,969	234,203	53,945	239,948	44,558	354,922	86,436	227,878	51,560	44,762	45,992	(D)	17		
80,753	11,560	71,450	14,343	422,294	79,203	74,504	21,647	71,015	25,699	29,668	37,840	(D)	18		
272,740	38,714	98,629	22,416	576,562	106,013	23,488	7,575	30,296	11,522	15,872	22,476	(D)	19		
49,490	7,695	19,275	4,106	148,905	28,183	6,044	1,550	3,755	1,688	5,188	6,800	(D)	20		
61,530	8,763	17,936	4,010	39,520	7,978	(D)	(D)	(D)	(D)	2,332	3,994	(D)	21		
96,224	12,933	43,113	10,120	281,459	51,499	7,803	2,698	16,193	6,226	6,066	8,309	(D)	22		
(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...	...	23
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	24
17,673	2,644	6,146	1,049	62,590	11,403	(D)	(D)	(D)	(D)	143	221	...	25		
40,628	5,666	10,196	2,688	33,288	5,241	2,422	1,555	5,757	1,658	2,143	3,152	...	26		
298,409	44,626	115,382	25,184	953,753	173,591	8,356	3,392	48,921	19,075	16,288	20,353	117,206	27		
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	842	289	932	1,499	(D)	28		
48,441	6,892	61,375	12,510	451,109	83,514	2,282	911	7,505	1,956	3,182	4,066	(D)	29		
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	30		
85,016	12,518	5,522	1,620	38,588	7,008	(D)	(D)	(D)	(D)	(D)	(D)	(D)	31		
18,812	2,956	2,105	428	90,718	16,346	610	166	1,073	364	94	125	(D)	32		
47,602	8,434	29,267	6,426	28,032	4,313	2,625	1,067	5,589	2,042	1,910	2,906	...	33		
24,456	3,103	2,283	750	8,731	1,310	547	161	185	66	389	520	...	34		
31,080	4,491	3,720	1,106	69,320	11,278	289	139	12,312	3,913	5,372	5,715	...	35		
36,925	5,356	10,462	2,197	248,659	47,231	(D)	(D)	(D)	(D)	3,017	3,521	...	36		
161,428	22,424	112,946	19,849	200,832	43,235	12,962	2,922	17,656	7,002	9,398	11,722	46,905	37		
13,596	1,981	11,940	2,857	36,736	9,387	9,051	1,780	5,511	3,149	5,578	6,297	(D)	38		
58,072	7,859	21,893	4,631	71,857	19,219	2,357	764	9,556	2,246	1,975	2,744	...	39		
65,524	8,894	74,400	11,197	85,108	12,741	1,182	274	2,353	1,513	1,232	1,794	(D)	40		
24,236	3,690	4,713	1,164	9,131	1,888	372	104	236	94	613	887	...	41		
342,042	49,128	62,844	13,739	644,006	110,544	75,596	19,170	28,954	9,994	11,419	14,731	68,310	42		
13,315	1,968	(D)	(D)	35,973	6,669	107	69	(D)	(D)	(D)	(D)	...	43		
50,965	6,067	(D)	(D)	143,234	24,895	618	211	(D)	(D)	(D)	(D)	(D)	44		
77,002	10,614	13,139	3,966	71,892	11,111	16,454	3,683	5,795	1,968	885	1,579	(D)	45		
200,760	30,479	43,866	8,644	392,907	67,869	58,417	15,207	22,632	7,813	8,293	10,701	(D)	46		
83,369	13,127	5,809	1,462	122,160	21,216	1,613	762	12,449	4,562	1,404	1,991	(D)	47		
(D)	(D)	(D)	(D)	336	58	(D)	(D)	(D)	(D)	...	...	...	48
5,157	767	(D)	(D)	3,592	674	(D)	(D)	(D)	(D)	(D)	(D)	...	49		
(D)	(D)	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	50		
27,215	4,162	2,989	752	54,642	8,757	704	353	1,986	1,189	832	1,127	(D)	51		
2,273	435	(D)	(D)	(D)	(D)	(D)	(D)	...	...	15	26	...	52
(D)	(D)	(D)	(D)	14,004	2,207	316	219	6,036	1,517	255	391	...	53		
28,530	4,498	2,185	570	48,439	9,288	491	152	4,382	1,819	214	308	(D)	54		
1,392	261	...	...	(D)	(D)	...	...	...	...	...	...	...	55
296,909	48,185	151,649	34,597	1,350,828	265,444	61,966	22,807	68,077	35,160	33,049	56,779	104,905	56		
56,030	8,681	8,100	1,992	117,699	23,424	3,334	1,393	919	524	1,965	3,634	(D)	57		
11,642	2,060	3,330	902	109,031	20,238	3,670	1,012	4,790	1,494	889	1,355	(D)	58		
229,237	37,444	140,219	31,703	1,124,098	221,782	54,962	20,402	62,368	33,142	30,195	51,790	52,883	59		

²The term "metal producing establishments" includes steel works and rolling mills, independent pipe mills, steel wire drawing establishments, and cold rolling, drawing, and finishing establishments. The data shown for metal producing establishments include only mill shapes and forms used in the production of fabricated products or in maintenance and repair work and were obtained from information collected on Bureau of the Census Annual Form MA33B, "Steel Mill Products."

MANUFACTURES—SUMMARY STATISTICS

Table 2B.—Consumption of Selected Nonferrous Mill Shapes and Forms by Divisions and States: 1958

Division and State	Aluminum and aluminum-base alloy ¹						Copper and copper-base alloy					
	Total		Sheet, plate, and foil (335257, 335213, 335215, and 335217)		All other aluminum mill shapes and forms (335259 and 335218)		Bare wire for electrical conduction consumed in manufacture of--				All other mill shapes and forms, including mechanical wire, but excluding insulated wire and cable ² (335119)	
							Fabricated products ^{2 3} (335111)		Insulated wire ³ (335123)			
	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
United States, total.....	41,644,602	881,250	4902,467	476,810	4742,135	404,440	5216,800	115,004	5284,458	107,216	61,172,501	593,526
New England.....	74,489	44,190	35,201	22,268	39,288	21,922	16,124	9,377	59,886	24,385	181,879	91,006
Maine.....	1,599	997	975	529	624	468	(D)	(D)	...	...	1,316	961
New Hampshire.....	1,562	856	815	459	747	397	(D)	(D)	(D)	(D)	3,576	2,088
Vermont.....	1,039	522	845	363	194	159	...	...	(D)	(D)	457	234
Massachusetts.....	43,484	23,751	17,508	10,729	25,976	13,022	9,486	5,400	19,732	8,366	51,070	25,628
Rhode Island.....	3,053	1,664	941	610	2,112	1,054	(D)	(D)	19,870	6,595	11,293	6,268
Connecticut.....	23,752	16,400	14,117	9,578	9,635	6,822	4,684	2,959	16,248	7,592	114,167	55,827
Middle Atlantic.....	346,094	177,033	161,526	83,770	184,568	93,263	93,609	44,024	156,254	60,198	333,473	174,179
New York.....	162,745	84,139	79,136	40,358	83,609	43,781	48,340	17,798	40,555	15,864	212,115	104,359
New Jersey.....	54,046	28,810	21,754	12,046	32,292	16,764	9,426	5,958	113,450	43,170	32,379	19,587
Pennsylvania.....	129,303	64,084	60,636	31,366	68,667	32,718	35,843	20,268	2,269	1,164	88,979	50,233
East North Central...	521,035	258,538	332,479	156,115	188,556	102,423	80,672	46,736	(D)	(D)	458,838	218,386
Ohio.....	158,055	89,095	97,013	50,452	61,042	38,643	25,121	16,116	(D)	(D)	92,119	48,409
Indiana.....	62,755	28,952	40,891	18,723	21,864	10,229	14,193	8,251	(D)	(D)	57,823	27,043
Illinois.....	118,573	57,926	65,030	31,108	53,543	26,818	24,608	13,073	(D)	(D)	122,387	59,864
Michigan.....	95,211	46,061	57,585	25,990	37,626	20,071	12,245	6,435	(D)	(D)	138,850	55,799
Wisconsin.....	86,441	36,504	71,960	29,842	14,481	6,662	4,505	2,861	...	...	47,659	27,271
West North Central...	146,932	91,519	82,412	51,403	64,520	40,116	6,141	4,295	(D)	(D)	53,098	33,074
Minnesota.....	26,344	12,740	14,141	6,664	12,203	6,076	1,392	1,295	...	...	13,565	8,461
Iowa.....	13,901	7,589	6,702	3,478	7,199	4,111	(D)	(D)	(D)	(D)	5,697	2,942
Missouri.....	49,322	30,850	26,469	17,344	22,853	13,506	3,389	1,959	(D)	(D)	29,840	19,242
North Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...
South Dakota.....	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	...	...
Nebraska.....	10,058	6,207	(D)	(D)	(D)	(D)	(D)	(D)	...	...	730	302
Kansas.....	47,097	34,003	27,449	19,571	19,648	14,432	(D)	(D)	...	...	3,266	2,127
South Atlantic.....	146,586	72,347	60,470	31,811	88,116	40,536	6,941	2,997	(D)	(D)	37,596	19,388
Delaware.....	916	463	(D)	(D)	(D)	(D)	(D)	(D)	...	...	(D)	(D)
Maryland.....	29,223	14,856	16,762	8,480	12,461	6,376	(D)	(D)	(D)	(D)	11,859	5,473
District of Columbia	770	422	(D)	(D)	(D)	(D)	(D)	(D)	...	...	(D)	(D)
Virginia.....	9,953	4,216	6,173	2,349	3,780	1,867	(D)	(D)	...	...	5,016	3,977
West Virginia.....	1,192	567	937	431	255	136	149	77	...	...	(D)	(D)
North Carolina.....	9,780	7,560	7,017	5,597	2,763	1,963	1,100	722	(D)	(D)	7,878	3,482
South Carolina.....	5,247	2,637	1,510	971	3,737	1,666	(D)	(D)	...	...	299	169
Georgia.....	25,351	13,332	14,519	7,634	10,832	5,698	(D)	(D)	...	...	4,451	2,606
Florida.....	66,154	28,294	13,017	6,009	53,137	22,285	(D)	(D)	(D)	(D)	415	415
East South Central...	83,670	42,607	51,498	25,574	32,172	17,033	777	526	(D)	(D)	23,760	13,589
Kentucky.....	53,586	27,201	35,849	17,548	17,737	9,653	(D)	(D)	...	...	9,570	5,985
Tennessee.....	8,463	4,923	2,922	1,629	5,541	3,294	(D)	(D)	(D)	(D)	8,298	4,121
Alabama.....	14,019	7,067	10,133	5,057	3,886	2,010	(D)	(D)	...	...	4,109	2,429
Mississippi.....	7,602	3,416	2,594	1,340	5,008	2,076	(D)	(D)	...	...	1,785	1,056
West South Central...	78,110	40,994	42,346	23,194	35,764	17,800	3,708	1,837	(D)	(D)	14,742	8,720
Arkansas.....	5,726	3,257	(D)	(D)	(D)	(D)	(D)	(D)	...	...	183	90
Louisiana.....	6,967	3,050	(D)	(D)	(D)	(D)	(D)	(D)	...	...	228	137
Oklahoma.....	11,449	5,358	6,750	3,341	4,699	2,017	(D)	(D)	...	...	3,592	2,239
Texas.....	59,968	29,329	30,180	16,688	23,788	12,641	2,595	1,243	(D)	(D)	10,739	6,254
Mountain.....	17,585	11,104	9,096	5,148	8,489	5,956	245	132	...	...	1,784	1,021
Montana.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...	(D)	(D)
Idaho.....	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	(D)	(D)
Wyoming.....	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	(D)	(D)
Colorado.....	3,108	2,316	1,123	890	1,985	1,426	(D)	(D)	...	...	996	518
New Mexico.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...	(D)	(D)
Arizona.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...	(D)	(D)
Utah.....	1,221	575	693	320	528	255	...	...	...	...	167	139
Nevada.....	(D)	(D)	(D)	(D)	...	...	...	...	...	...	...	...
Pacific.....	228,101	142,918	127,439	77,527	100,662	65,391	8,583	5,080	10,645	3,861	67,331	34,163
Washington.....	36,908	25,678	16,952	11,634	19,956	14,044	(D)	(D)	...	...	851	653
Oregon.....	3,797	2,017	2,475	1,359	1,322	658	(D)	(D)	...	...	469	253
California.....	187,396	115,223	108,012	64,534	79,384	50,689	7,744	4,457	10,645	3,861	66,011	33,257

D Withheld to avoid disclosing operations of individual companies. ¹Geographic consumption distribution patterns differ significantly for the 1954 and 1958 Censuses of Manufactures because of the change in the handling of SIC 3497, Metal Foil. In 1954, the quantities of sheet (foil stock) consumed in foil mills were included as consumption by fabricators since such mills were included in SIC 3497. In 1958, foil mills are classified in SIC 3352, Aluminum Rolling and Drawing. The consumption data included in this table for SIC 3497 are limited to the sheet, plate, and foil consumed by foil converters. ²Not strictly comparable with 1954. In the 1954 Census, consumption of bare wire included mechanical wire. In the 1958 Census, mechanical wire is included with "all other brass mill shapes." ³Separate consumption figures are shown for (a) bare wire consumed by fabricators and (b) bare wire consumed by establishments classified in Industry 3357, Nonferrous Wire Drawing, Etc. Most of the consumption in SIC 3357 results in the production of insulated wire and cable. ⁴Excludes aluminum and aluminum-base alloy mill shapes produced and consumed in nonferrous metal mills in the production of fabricated products for which figures are not available. ⁵In addition, 932,622 thousand pounds of bare wire for electrical conduction were produced and consumed by nonferrous wire drawing establishments in the manufacture of fabricated products. Most of this consumption resulted in the production of insulated wire and cable. ⁶In addition, 6,262 thousand pounds of brass mill shapes were produced and consumed by nonferrous metal mills in the manufacture of fabricated metal products.

SELECTED MATERIALS CONSUMED

7-65

Table 2C.—Consumption of Selected Castings and Forgings, by Divisions and States: 1958

Division and State	Castings - rough and semifinished ¹								Forgings ¹			
	Iron (gray and malleable) (332011)		Steel (332311)		Aluminum and aluminum-base alloy (336111)		Copper and copper-base alloy (336121)		Iron and steel (339111)		Aluminum and aluminum-base alloy (339941)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
United States, total.	3,767,013	1,087,473	751,551	461,584	446,189	311,667	221,017	142,816	1,252,106	636,078	43,615	63,093
New England.....	101,676	38,973	46,339	45,277	25,930	20,291	24,251	18,730	(D)	(D)	9,647	14,527
Maine.....	(D)	(D)	781	874	38	39	462	363	...	...	...	...
New Hampshire.....	3,330	1,162	(D)	(D)	279	204	(D)	(D)	(D)	(D)	...	...
Vermont.....	(D)	(D)	(D)	(D)	460	297	(D)	(D)	(D)	(D)	...	...
Massachusetts.....	29,204	12,878	18,868	11,787	10,309	5,867	10,687	8,782	(D)	(D)	(D)	(D)
Rhode Island.....	13,851	5,426	4,951	1,602	471	478	2,150	1,216	(D)	(D)	...	...
Connecticut.....	50,705	17,775	20,511	30,033	14,373	13,406	10,127	7,700	(D)	(D)	(D)	(D)
Middle Atlantic.....	429,655	141,883	172,377	116,777	53,688	43,766	51,229	33,325	203,763	119,382	8,881	7,777
New York.....	206,264	62,198	41,492	32,254	23,994	19,387	18,222	11,256	84,182	48,897	3,305	4,043
New Jersey.....	78,773	29,612	40,243	26,157	12,534	11,649	9,802	7,527	27,408	17,267	(D)	(D)
Pennsylvania.....	144,618	50,073	90,642	58,366	17,160	12,730	23,205	14,742	92,173	53,218	(D)	(D)
East North Central.....	2,879,577	796,898	334,795	177,873	280,494	174,794	90,879	57,895	904,646	371,132	3,250	4,458
Ohio.....	677,264	209,523	95,520	51,736	48,643	38,718	22,909	15,031	147,222	74,425	2,468	3,232
Indiana.....	277,873	88,305	55,578	23,966	29,028	19,633	22,617	10,431	124,503	60,081	334	638
Illinois.....	377,725	129,336	93,930	52,226	36,428	27,780	17,439	12,983	177,721	82,400	77	119
Michigan.....	1,381,962	318,923	41,002	19,543	98,379	54,096	14,547	10,478	424,254	135,688	(D)	(D)
Wisconsin.....	164,753	50,811	48,765	30,402	68,016	34,567	13,367	8,972	30,946	18,538	(D)	(D)
West North Central.....	149,839	43,476	53,173	25,788	21,313	20,415	10,725	6,467	40,762	19,122	(D)	(D)
Minnesota.....	24,295	7,792	9,682	5,367	(D)	(D)	3,315	1,865	3,023	1,672	(D)	(D)
Iowa.....	85,716	22,786	18,677	11,220	4,457	3,304	2,870	1,618	33,673	15,077	(D)	(D)
Missouri.....	25,847	9,042	20,235	6,890	8,134	7,195	3,137	2,452	2,501	1,436	163	200
North Dakota.....	399	118	(D)	(D)	...	...	...	...	...	...	...	...
South Dakota.....	263	99	...	...	(D)	(D)	(D)	(D)	...	...	...	...
Nebraska.....	4,732	1,428	(D)	(D)	(D)	(D)	1,148	365	(D)	(D)	...	...
Kansas.....	8,587	2,211	2,395	1,455	(D)	(D)	(D)	(D)	(D)	(D)	4,473	6,571
South Atlantic.....	48,244	13,713	20,974	11,928	17,624	14,978	4,570	3,426	(D)	(D)	3,670	7,453
Delaware.....	4,509	1,266	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...
Maryland.....	6,889	3,165	5,779	4,398	3,020	3,104	1,589	1,333	2,253	1,098	(D)	(D)
District of Columbia...	40	22	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...
Virginia.....	2,754	894	2,272	1,165	(D)	(D)	(D)	(D)	(D)	(D)	...	...
West Virginia.....	11,087	2,227	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...
North Carolina.....	9,507	2,644	704	592	3,792	3,848	261	176	(D)	(D)	(D)	(D)
South Carolina.....	4,280	1,205	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...
Georgia.....	8,870	2,172	2,643	1,035	1,485	1,355	(D)	(D)	438	229	(D)	(D)
Florida.....	308	118	1,247	566	5,954	4,185	112	199	(D)	(D)	(D)	(D)
East South Central.....	45,036	14,084	28,122	11,719	9,281	5,774	3,922	2,280	3,442	1,502	(D)	(D)
Kentucky.....	21,322	5,633	(D)	(D)	3,698	2,265	(D)	(D)	752	345	...	...
Tennessee.....	13,046	4,861	5,927	3,104	2,328	917	401	316	2,434	994	...	...
Alabama.....	6,173	1,869	20,144	7,698	2,724	2,137	3,068	1,613	(D)	(D)	(D)	(D)
Mississippi.....	4,495	1,721	(D)	(D)	531	455	(D)	(D)	(D)	(D)	...	...
West South Central.....	49,385	14,683	38,052	21,101	(D)	(D)	9,663	4,544	26,513	14,814	(D)	(D)
Arkansas.....	2,219	880	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...
Louisiana.....	1,499	336	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...
Oklahoma.....	6,986	2,896	3,305	2,355	(D)	(D)	1,573	1,201	(D)	(D)	(D)	(D)
Texas.....	38,681	10,571	32,113	17,479	2,991	2,662	7,470	2,963	21,941	12,306	(D)	(D)
Mountain.....	6,686	2,463	2,891	3,857	(D)	(D)	389	303	1,963	1,634	(D)	(D)
Montana.....	(D)	(D)	(D)	(D)	...	...	...	...	(D)	(D)	...	...
Idaho.....	554	209	(D)	(D)	...	...	...	...	...	...	...	...
Wyoming.....	...	...	...	...	(D)	(D)	(D)	(D)	...	...	...	...
Colorado.....	5,176	1,957	(D)	(D)	(D)	(D)	276	232	(D)	(D)	(D)	(D)
New Mexico.....	...	...	(D)	(D)	(D)	(D)	...	...	(D)	(D)	...	...
Arizona.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	196	152	(D)	(D)
Utah.....	929	279	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	...	...
Pacific.....	56,915	21,300	54,828	47,264	27,225	22,280	25,389	15,846	17,344	14,954	(D)	(D)
Washington.....	1,887	800	6,921	4,215	2,278	2,384	1,851	475	(D)	(D)	(D)	(D)
Oregon.....	2,888	730	4,163	2,311	775	546	1,103	202	(D)	(D)	...	...
California.....	52,140	19,770	43,744	40,740	24,172	19,350	22,435	15,169	16,632	14,329	10,424	16,836

D Withheld to avoid disclosing the figures of individual companies.

¹The data shown in this table for castings and forgings represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Statistics for castings and forgings produced and consumed in the same plant are excluded.

MANUFACTURES—SUMMARY STATISTICS

Table 2D.—Consumption of Selected Nonferrous Refinery Shapes by Divisions and States: 1958

Division and State ¹	Copper and copper-base alloy ² (333111, 333113, and 333115)		Zinc and zinc-base alloy ² (333311 and 333315)		Aluminum and aluminum-base alloy ² (333411, 333421, and 333423)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
United States, total.....	1,243,329	668,021	680,685	154,447	1,704,570	858,527
New England.....	239,602	129,464	33,098	7,530	(D)	(D)
Maine.....	148	76	...	...	...	...
New Hampshire.....	1,501	738	...	...	(D)	(D)
Vermont.....	(D)	(D)	...	...	...	...
Massachusetts.....	18,557	9,500	4,560	1,046	(D)	(D)
Rhode Island.....	(D)	(D)	227	56	(D)	(D)
Connecticut.....	195,353	102,364	28,311	6,428	17,745	10,000
Middle Atlantic.....	448,907	242,503	115,805	26,259	237,220	118,915
New York.....	147,066	78,969	33,736	7,705	92,679	46,643
New Jersey.....	212,574	113,766	23,058	5,512	64,706	33,531
Pennsylvania.....	89,267	49,768	59,011	13,042	79,835	38,741
East North Central.....	393,214	210,848	374,008	85,441	525,332	255,521
Ohio.....	87,498	50,854	97,898	21,548	194,148	92,506
Indiana.....	104,599	54,758	69,642	15,272	38,037	17,830
Illinois.....	106,530	52,285	107,959	23,736	186,180	91,250
Michigan.....	62,255	34,870	86,798	21,954	83,122	43,054
Wisconsin.....	32,532	18,081	11,571	2,931	23,845	10,901
West North Central.....	28,776	15,760	14,274	3,433	151,875	80,648
Minnesota.....	1,347	645	2,246	523	3,308	1,555
Iowa.....	905	498	(D)	(D)	(D)	(D)
Missouri.....	25,398	14,491	10,163	2,443	(D)	(D)
Nebraska.....	(D)	(D)	(D)	(D)	168	87
Kansas.....	(D)	(D)	(D)	(D)	509	255
South Atlantic.....	46,020	24,001	55,663	12,239	186,298	98,012
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia.....	496	336	(D)	(D)	(D)	(D)
West Virginia.....	6,306	2,931	(D)	(D)	(D)	(D)
North Carolina.....	(D)	(D)	(D)	(D)	248	119
South Carolina.....	(D)	(D)	...	...	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)	(D)	(D)
Florida.....	(D)	(D)	(D)	(D)	30,409	15,538
East South Central.....	18,696	9,309	33,437	6,831	261,442	131,324
Kentucky.....	(D)	(D)	(D)	(D)	6,550	3,410
Tennessee.....	(D)	(D)	(D)	(D)	(D)	(D)
Alabama.....	(D)	(D)	(D)	(D)	(D)	(D)
Mississippi.....	...	...	...	...	(D)	(D)
West South Central.....	2,842	1,516	5,912	1,258	23,435	12,494
Arkansas.....	(D)	(D)	...	...	12,697	7,065
Louisiana.....	(D)	(D)	(D)	(D)	(D)	(D)
Oklahoma.....	528	317	(D)	(D)	(D)	(D)
Texas.....	1,951	1,013	(D)	(D)	10,456	5,289
Mountain.....	65,272	34,620	718	193	(D)	(D)
Montana.....			...	...	(D)	(D)
Colorado.....			(D)	(D)	510	269
New Mexico.....			...	...	(D)	(D)
Arizona.....			(D)	(D)	(D)	(D)
Utah.....			(D)	(D)	(D)	(D)
Nevada.....			...	...	(D)	(D)
Pacific.....			47,910	11,263	259,815	130,985
Washington.....			1,718	364	(D)	(D)
Oregon.....			1,070	260	545	299
California.....			45,122	10,639	(D)	(D)

Note: Statistics showing pig iron consumption by division and State for 1958 are available in Current Industrial Reports Series M53A-09, "Iron and Steel Foundries and Steel Ingot Producers (Report on Products Shipped and Materials Used), tables 10-15.

D Withheld to avoid disclosing figures for individual companies.

¹Consumption of refinery shapes on a toll basis is included on the basis of the location of the establishment owning the materials rather than the location of the processing establishment.

²Includes interplant transfers from establishments owned by the same company.

SELECTED MATERIALS CONSUMED

Table 2E.—Consumption of Selected Metal Scrap, by Divisions and States: 1958

Division and State	Iron and steel (941011)		Copper and copper-base alloy (941021)		Aluminum and aluminum-base alloy (941031)	
	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
United States, total.....	24,612,971	876,363	740,691	286,585	562,791	196,388
New England.....	213,712	8,027	93,239	35,397	6,477	2,020
Maine.....	(D)	(D)	...	...	...	...
New Hampshire.....	3,607	145	(D)	(D)	(D)	(D)
Vermont.....	(D)	(D)	...	...	...	...
Massachusetts.....	119,724	4,372	(D)	(D)	(D)	(D)
Rhode Island.....	40,073	1,464	(D)	(D)	(D)	(D)
Connecticut.....	47,173	1,894	72,287	27,242	(D)	(D)
Middle Atlantic.....	6,137,929	228,832	215,391	81,803	78,945	32,009
New York.....	1,140,664	36,307	96,319	34,640	43,424	18,155
New Jersey.....	403,655	15,123	45,225	17,976	18,568	8,229
Pennsylvania.....	4,594,210	177,402	73,847	29,187	16,953	5,625
East North Central.....	10,992,291	385,425	313,950	120,272	310,977	101,512
Ohio.....	3,100,640	106,889	40,927	16,518	109,678	38,154
Indiana.....	2,853,871	104,079	(D)	(D)	59,819	19,110
Illinois.....	2,540,858	86,651	159,552	59,240	82,451	25,440
Michigan.....	2,200,398	74,823	63,741	25,657	34,116	11,221
Wisconsin.....	296,524	12,983	(D)	(D)	24,913	7,587
West North Central.....	1,228,557	42,146	19,589	8,501	39,713	13,058
Minnesota.....	180,735	5,882	2,548	982	(D)	(D)
Iowa.....	(D)	(D)	(D)	(D)	(D)	(D)
Missouri.....	807,245	27,561	10,423	4,435	12,057	2,904
North Dakota.....	(D)	(D)	...	...	...	...
Nebraska.....	(D)	(D)	(D)	(D)	(D)	(D)
Kansas.....	31,993	1,236	5,205	2,365	(D)	(D)
South Atlantic.....	1,351,873	50,700	19,685	8,312	26,975	9,803
Delaware.....	(D)	(D)	(D)	(D)	(D)	(D)
Maryland.....	366,200	18,189	3,028	1,541	(D)	(D)
Virginia.....	203,781	7,598	(D)	(D)	(D)	(D)
West Virginia.....	476,714	14,076	(D)	(D)	(D)	(D)
North Carolina.....	82,070	3,098	(D)	(D)	...	...
South Carolina.....	6,388	279	...	...	...	...
Georgia.....	(D)	(D)	(D)	(D)	(D)	(D)
Florida.....	12,778	517	(D)	(D)	11,675	4,745
East South Central.....	1,937,426	73,539	19,960	9,167	22,426	10,744
Kentucky.....	477,202	16,445	(D)	(D)	(D)	(D)
Tennessee.....	(D)	(D)	(D)	(D)	(D)	(D)
Alabama.....	1,289,627	50,324	18,301	8,320	(D)	(D)
Mississippi.....	(D)	(D)	...	...	(D)	(D)
West South Central.....	764,674	25,500	10,860	4,721	8,511	3,286
Arkansas.....	4,516	188	(D)	(D)		
Louisiana.....	15,915	709	(D)	(D)		
Oklahoma.....	102,969	3,181	(D)	(D)		
Texas.....	641,274	21,422	10,174	4,306		
Mountain.....	470,900	13,995	8,025	2,373		
Montana.....	(D)	(D)	(D)	(D)		
Idaho.....	(D)	(D)	...	...
Colorado.....	(D)	(D)	3,077	1,273		
New Mexico.....	(D)	(D)	...	...
Arizona.....	(D)	(D)	(D)	(D)		
Utah.....	(D)	(D)	(D)	(D)		
Pacific.....	1,515,609	48,199	39,992	16,039	68,767	23,956
Washington.....	193,851	6,074	91	46	15,372	6,657
Oregon.....	150,230	4,539	(D)	(D)	...	...
California.....	1,171,528	37,586	(D)	(D)	53,395	17,299

Note: The data represent only the consumption of purchased scrap in selected industries. No data are available on the quantities of "home" scrap consumed.

D Withheld to avoid disclosing figures for individual companies.

Engines, Motors, Bearings, Electron Tubes, and Semiconductors

This section presents data on gasoline and Diesel engines, motors and generators (timing, synchronous, subsynchronous, fractional and integral horsepower), ball and roller bearings, electron tubes, and solid state semiconductors consumed by establishments classified in 1958 in the metal fabricating industries. Comparable data for 1954 are not shown because of substantial revisions in the Standard Industrial Classification for consuming industries. Data for 1954, based on the Standard Industrial Classification System in use at that time, are available

in Chapter X (MC-210), Volume I, 1954 Census of Manufactures.

The consumption figures for the parts and components shown below account for most of the amounts used by establishments classified in manufacturing. The shipments figures for these items shown in the Industry Volume, however, also include amounts for exports; for use in construction, mining, and farm activities; and for other nonmanufacturing areas, such as replacement and repair of machinery already in use.

SELECTED MATERIALS CONSUMED

7-69

Table 1A.—Number and Cost of Internal Combustion Engines Consumed by Selected Industries: 1958

Code	Industry	Engines received from other establishments			
		Gasoline engines (351911)		Diesel engines (351921)	
		Number	Delivered cost (\$1,000)	Number	Delivered cost (\$1,000)
	Selected industries, total.....	(NA)	145,055	48,821	105,778
1999	Ordinance and accessories, nec.....	(NA)	15,170	...	...
3522	Farm machinery and equipment ²	2,684,480	97,820	16,044	12,497
3531	Construction machinery ²	40,935	14,498	27,994	56,684
3532	Mining machinery and equipment.....	744	191	275	869
3533	Oil field machines and equipment ²	1,479	1,967	695	2,460
3535	Conveyors.....	1,748	121	...	...
3536	Hoists, cranes, and monorails.....	406	221	28	160
3537	Industrial trucks and tractors.....	18,422	6,469	195	249
3559	Special industry machinery, n.e.c.....	2,949	225	...	...
3561	Pumps and compressors ²	71,565	5,766	1,440	4,663
3621	Motors and generators.....	12,755	4,207	819	2,432
3731	Ship building and repairing.....	331	336	449	10,336
3732	Boat building and repairing ²	10,578	8,064	451	2,702
3741	Locomotives and parts ².....	...	...	431	12,726

NA Not available.

¹Includes data for Industry 1931, Tanks and Tank Components.

²In addition the following quantities of engines were produced and incorporated into other products within the same establishments:

Gasoline engines		Diesel engines	
Industry Code	Number	Industry Code	Number
3522.....	203,737	3531.....	16,330
3531.....	8,326	3522, 3561, 3741.....	2,062
3533, 3561, 3732.....	216		

Table 1B.—Cost of Ball and Roller Bearings (359311) Consumed, for Selected Industries: 1958

Code	Industry	Delivered cost (\$1,000)	Code	Industry	Delivered cost (\$1,000)
	Total.....	267,241	3561	Pumps and compressors.....	5,097
1925	Complete guided missiles.....	1,311	3562	Ball and roller bearings.....	3,297
1999	Ordinance and accessories, nec.....	1,974	3564	Blowers and fans.....	2,223
3433	Non electric heating equipment.....	258	3566	Power transmission equipment.....	8,559
3511	Steam engines and turbines.....	1,020	3569	General industrial machinery, nec.....	377
3519	Internal combustion engines.....	3,892	3611	Electric measuring instruments.....	410
3522	Farm machinery and equipment.....	29,967	3621	Motors and generators.....	12,157
3531	Construction machinery.....	17,616	3631	Household cooking equipment.....	150
3532	Mining machinery and equipment.....	1,379	3694	Engine electrical equipment.....	6,069
3533	Oil field machines and equipment.....	3,221	3713	Truck and bus bodies.....	140
3536	Hoists, cranes, and monorails.....	245	3715	Truck trailers.....	651
3541	Metal-cutting machine tools.....	6,260	3717	Motor vehicles and parts.....	90,264
3542	Metal-forming machine tools.....	1,588	3721	Aircraft.....	12,206
3545	Machine tool accessories.....	560	3722	Aircraft engines and parts.....	15,813
3548	Metalworking machinery, nec.....	5,576	3729	Aircraft equipment, nec.....	5,998
3551	Food products machinery.....	1,835	3741	Locomotives and parts.....	2,887
3552	Textile machinery.....	3,188	3742	Railroad and street cars.....	3,221
3553	Woodworking machinery.....	1,738	3811	Scientific instruments.....	6,239
3554	Paper industries machinery.....	3,415	3821	Mechanical measuring devices.....	530
3559	Special industry machinery, nec.....	3,824		All other industries ²	2,086

¹Includes data for Industries 1929, "Ammunition, nec"; 1931, "Tanks and Tank Components"; 1941, "Sighting and Fire Control Equipment"; and 1951, "Small Arms, 30mm and Under."

²Represents data for Industry 3544, "Special Dies and Tools" and Industry 3723, "Aircraft Propellers and Parts," separate data for which were withheld to avoid disclosing individual company figures.

MANUFACTURES—SUMMARY STATISTICS

Table 1C.—Number and Cost of Electric Motors and Generators Consumed, by Specified Industries: 1958

Code	Industry	Timing motors, synchronous and subsynchronous (361412)			All other fractional horsepower motors (361419)			Integral horsepower motors and generators (361431)		
		Received from other establishments		Quantity produced and consumed in the same establishment, number (1,000)	Received from other establishments		Quantity produced and consumed in the same establishment, number (1,000)	Received from other establishments		Quantity produced and consumed in the same establishment, number (1,000)
		Quantity (1,000)	Value (\$1,000)		Quantity (1,000)	Value (\$1,000)		Quantity (1,000)	Value (\$1,000)	
	Total.....	(NA)	70,067	2,699	34,904	287,063	9,772	2,632	238,550	44
3433	Nonelectric heating equipment.....	430	5,030	(1)	1,806	20,191	120	15	1,284	(2)
3511	Steam engines and turbines.....	...	...	...	1	49	...	(1)	(1)	...
3519	Internal combustion engines.....	...	...	...	(1)	(1)	...	57	7,619	...
3522	Farm machinery and equipment.....	...	...	...	156	2,812	(1)	30	3,474	(2)
3531	Construction machinery.....	...	...	...	24	538	(2)	18	7,634	5
3532	Mining machinery and equipment.....	...	...	...	(1)	(1)	...	5	3,681	...
3534	Elevators and moving stairways.....	...	...	...	7	375	...	7	3,462	(2)
3535	Conveyors.....	...	...	...	18	1,219	(2)	14	3,436	(2)
3536	Hoists, cranes, and monorails.....	...	...	...	9	485	(2)	10	3,507	(2)
3537	Industrial trucks and tractors.....	...	...	...	9	313	...	8	911	(2)
3541	Metal-cutting machine tools.....	19	905	(2)	34	1,404	...	40	8,106	(2)
3542	Metal-forming machine tools.....	(NA)	226	...	14	762	...	12	4,688	...
3544	Special dies and tools.....	(1)	(1)	...	(1)	(1)	...	1	172	...
3545	Machine tool accessories.....	6	165	(2)	7	226	...	3	355	...
3548	Metalworking machinery, nec.....	(1)	(1)	...	(1)	(1)	(1)	4	1,257	32
3551	Food products machinery.....	(1)	(1)	...	66	2,042	(2)	24	5,028	(2)
3552	Textile machinery.....	...	...	...	...	...	...	17	2,483	...
3553	Woodworking machinery.....	4	88	...	33	1,080	...	7	1,572	(2)
3554	Paper industries machinery.....	...	...	...	...	...	...	9	5,190	...
3555	Printing trades machinery.....	...	...	...	17	474	...	6	1,620	...
3559	Special industry machinery, nec.....	...	...	...	40	1,500	(1)	24	6,633	(2)
3561	Pumps and compressors.....	...	...	...	1,446	23,521	466	188	27,509	4
3564	Blowers and fans.....	468	4,272	(1)	236	2,841	(2)	43	4,734	(2)
3567	Industrial furnaces and ovens.....	(1)	(1)	...	3	48	...	1	60	...
3569	General industry machinery, nec.....	...	...	...	27	877	(2)	7	7,110	(2)
3571	Computing and related machines.....	286	632	...	287	5,135	(1)	3	581	...
3576	Scales and balances.....	(1)	(1)	...	(1)	(1)	...	6	286	...
3579	Office machines, nec.....	185	734	...	89	1,084	(1)	...	...	...
3581	Automatic vending machines.....	54	254	...	220	2,011	...	(1)	(1)	...
3582	Commercial laundry equipment.....	11	143	...	59	1,898	...	13	1,823	...
3584	Vacuum cleaners, industrial.....	(1)	(1)	...	(1)	(1)	...	7	255	...
3585	Refrigeration machinery.....	714	6,952	(2)	5,745	49,832	(1)	1,865	52,474	(2)
3586	Measuring and dispensing pumps.....	...	...	...	99	3,103	(1)	(1)	(1)	(2)
3589	Service industry machines, nec.....	57	694	(1)	123	2,400	(1)	34	2,045	(2)
3611	Electric measuring instruments.....	34	413	...	20	533	...	...	...	...
3621	Motors and generators.....	(1)	(1)	...	13	285	...	11	10,467	...
3629	Electric industrial goods, nec.....	(1)	(1)	...	25	144	...	(1)	(1)	...
3631	Household cooking equipment.....	344	1,961	...	161	1,204	...	...	...	...
3632	Household refrigerators.....	(1)	(1)	...	2,482	20,519	...	106	2,805	...
3633	Household laundry equipment.....	1,815	3,001	...	4,762	53,135	(1)	...	...	...
3634	Electric housewares and fans.....	545	1,891	763	2,228	6,342	5,557	(1)	(1)	...
3635	Household vacuum cleaners.....	...	...	...	899	5,217	1,619	(1)	(1)	...
3636	Sewing machines.....	(1)	(1)	...	106	776	...	...	...	...
3639	Household appliances, nec.....	171	845	...	1,354	10,772	435	1	104	...
3651	Radios and TV receiving sets.....	824	4,862	(1)	871	2,862	30	...	...	...
3662	Radio, TV communication equipment.....	(NA)	8,280	(2)	176	10,184	...	...	...	...
3679	Electronic components, nec.....	114	524	(1)	1,782	5,886	(2)	...	...	...
3717	Motor vehicles and parts.....	...	...	...	6,726	22,126	...	...	...	...
3729	Aircraft equipment, nec.....	44	3,223	(1)	30	2,339	(1)	1	839	...
3731	Ship building and repairing.....	...	...	...	...	...	...	4	6,872	(2)
3732	Boat building and repairing.....	...	...	...	...	...	...	(2)	96	...
3741	Locomotives and parts.....	...	...	...	...	...	...	4	20,196	(2)
3811	Scientific instruments.....	220	10,314	...	54	1,834	...	...	...	...
3821	Mechanical measuring devices.....	98	1,414	...	83	958	...	...	...	...
3822	Automatic temperature controls.....	1,044	1,024	...	12	251	...	...	...	...
3861	Photographic equipment.....	9	139	...	1,306	3,193	...	...	...	...
3871	Watches and clocks.....	1,259	2,026	(1)	...	...	...	...	...	...
1925	Complete guided missiles.....	18	223	(1)	(1)	(1)	...	...	...	...
1999 ³	Ordnance and accessories, nec.....	51	2,525	...	26	1,964	...	...	...	...
	All other industries.....	1,002	7,307	1,936	1,213	10,319	1,545	27	28,182	3

NA Not available.

¹Included with "All other industries."²Less than 1,000 units; data included with "All other industries."³Includes data for Industries 1921, "Artillery ammunition"; 1929, "Ammunition, nec"; 1931, "Tanks and tank components"; 1941, "Sighting and fire control equipment"; and 1999, "Ordnance and accessories, nec".

SELECTED MATERIALS CONSUMED

7-71

Table 1D.—Number and Cost of Electron Tubes (Except X-Ray) and Solid State Semiconductors Consumed, by Specified Industries: 1958

Code	Industry	Electron tubes (except X-ray) (366231)		Solid state semiconductor (transistors, diodes, etc.) (366241)	
		Quantity (1,000)	Cost (\$1,000)	Quantity (1,000)	Cost (\$1,000)
	Totals.....	147,610	227,538	(NA)	62,960
3611	Electrical measuring instruments.....	5,090	7,640	1,276	2,367
3651	Radios and TV receiving sets.....	103,736	135,053	17,255	15,514
3661	Telephone and telegraph apparatus.....	6,136	11,830	(NA)	3,430
3662	Radio, TV communication equipment.....	25,391	56,246	7,232	18,248
3679	Electronic components, nec.....	2,474	3,390	1,732	2,599
3811	Scientific instruments.....	1,289	4,062	1,648	10,548
3821	Mechanical measuring devices.....	729	1,431	376	1,568
	All Other Industries.....	22,765	27,886	(NA)	38,686

NA Not available.

¹In addition, between 500 thousand and 1 million electron tubes were produced and incorporated into other products at establishments classified in the following industries: 1925, "Complete Guided Missiles"; 3651, "Radios and TV Receiving Sets"; 3662, "Radio, TV Communication Equipment"; 3679, "Electronic Components, nec"; and 3871, "Watches and Clocks."

²Includes figures for the following industries: 1925, "Complete Guided Missiles"; 1941, "Sighting and Fire Control Equipment"; 3571, "Computing and Related Machines"; 3643, "Current Carrying Wiring Devices"; 3699, "Electrical Products, nec"; 3822, "Automatic Temperature Controls"; 3861, "Photographic Equipment"; and 3931, "Musical Instruments and Parts." Data for Industry 3822 are withheld to avoid disclosing figures for individual companies; but since all establishments classified in the remaining industries did not have the opportunity to report consumption of electron tubes, the consumption data for these industries may be understated.

³Includes figures for the following industries: 1925, "Complete Guided Missiles"; 1941, "Sighting and Fire Control Equipment"; 3571, "Computing and Related Machines"; 3621, "Motors and Generators"; 3643, "Current Carrying Wiring Devices"; 3699, "Electrical Products, nec"; 3822, "Automatic Temperature Controls"; and 3931, "Musical Instruments and Parts." Data for Industry 3822 are withheld to avoid disclosing figures of individual companies; but since all establishments classified in the remaining industries did not have the opportunity to report consumption of solid state semiconductors, the consumption data for these industries may be understated.

Table 2A.—Number and Cost of Internal Combustion Engines Consumed by Divisions and States: 1958

Division and State ¹	Engines received from other establishments				Division and State ¹	Engines received from other establishments			
	Gasoline engines (351911)		Diesel engines (351921)			Gasoline engines (351911)		Diesel engines (351921)	
	Number	Delivered cost (\$1,000)	Number	Delivered cost (\$1,000)		Number	Delivered cost (\$1,000)	Number	Delivered cost (\$1,000)
United States, total.....	(NA)	145,055	48,821	105,778	West North Central—Continued				
New England.....	6,201	448	30	335	Missouri.....	164,979	6,964	(¹)	(¹)
					Kansas.....	97,890	3,368		
Middle Atlantic.....	92,559	10,967	2,201	17,702	South Atlantic.....	164,683	6,182	924	4,093
New York.....	4,565	2,110	702	5,745	Maryland.....	(¹)	(¹)	93	527
New Jersey.....	18,172	2,258	179	490	Georgia.....	151,235	3,583	(¹)	(¹)
Pennsylvania.....	69,822	6,599	1,320	11,467	Florida.....	4,110	639	181	1,373
East North Central.....	(NA)	89,675	37,745	63,929	East South Central.....	49,755	2,264	201	559
Ohio.....	(NA)	25,206	5,540	13,058	West South Central.....	11,486	3,918	1,201	5,462
Indiana.....	513,554	10,293	2,932	5,011	Louisiana.....	2,491	378	88	324
Illinois.....	231,829	22,548	22,712	31,441	Oklahoma.....	3,567	1,413	272	1,443
Michigan.....	160,713	20,247	2,132	4,813	Texas.....	5,428	2,127	841	3,695
Wisconsin.....	305,134	11,381	4,429	9,606	West.....	(NA)	4,932	671	5,903
West North Central.....	661,429	26,669	5,848	7,795	Washington.....	12,725	490	75	2,634
Minnesota.....	185,378	6,227	142	528	Oregon.....	1,623	766	(¹)	(¹)
Iowa.....	211,209	9,953	5,516	5,236	California.....	(NA)	3,190	323	2,031

NA Not available.

¹Consumption of more than \$500 thousand of engines was reported for the following States but the exact figures are withheld to avoid disclosure of individual company figures: For gasoline engines—Maryland, North Carolina, Tennessee, and Alabama; for diesel engines—Missouri, North Carolina, Georgia, Utah, and Oregon.

MANUFACTURES—SUMMARY STATISTICS

Table 2B.—Cost of Ball and Roller Bearings (359311) Consumed by Divisions and States: 1958 and 1954

Division and State ¹	Delivered cost (\$1,000)		Division and State ¹	Delivered cost (\$1,000)	
	1958	1954		1958	1954
United States, total.....	267,241	246,185	South Atlantic.....	5,035	3,775
New England.....	13,450	20,141	Maryland.....	1,567	963
New Hampshire.....	299	472	West Virginia.....	499	502
Vermont.....	426	850	North Carolina.....	830	551
Massachusetts.....	4,137	3,776	South Carolina.....	424	596
Connecticut.....	7,712	14,261	Georgia.....	938	719
Middle Atlantic.....	36,622	28,813	East South Central.....	3,087	2,581
New York.....	10,641	11,900	Kentucky.....	987	1,027
New Jersey.....	12,386	9,046	Tennessee.....	952	878
Pennsylvania.....	12,595	7,867	Alabama.....	271	443
East North Central.....	168,559	153,421	Mississippi.....	886	233
Ohio.....	29,972	29,156	West South Central.....	12,771	4,390
Indiana.....	27,741	26,270	Oklahoma.....	1,727	1,104
Illinois.....	33,334	30,202	Texas.....	10,645	2,949
Michigan.....	63,625	55,720	Mountain.....	2,225	627
Wisconsin.....	13,887	12,073	Montana.....		
West North Central.....	16,725	21,180	Colorado.....	670	493
Minnesota.....	2,556	2,986	Pacific.....	8,767	11,257
Iowa.....	9,932	6,679	California.....	7,966	10,308
Missouri.....	2,549	10,591			
Kansas.....	1,306	764			

¹Consumption of over \$250 thousand of ball and roller bearings was reported for the following States but the exact figures are withheld to avoid disclosure of individual company figures: 1958—Maine, Rhode Island, Nebraska, Delaware, Arizona, and Washington; 1954—Maine, Rhode Island, Delaware, Louisiana, and Washington.

Table 2C.—Number and Cost of Electric Motors and Generators Received from Other Establishments, by Divisions and States: 1958

Region and state	Timing motors, synchronous, and subsynchronous motors ¹ (361412)		All other fractional horsepower motors ¹ (361419)		Integral horsepower motors and generators ¹ (361431)	
	Quantity (1,000)	Value (\$1,000)	Quantity (1,000)	Value (\$1,000)	Quantity (1,000)	Value (\$1,000)
United States, total.....	(NA)	70,067	34,904	287,063	2,632	238,550
New England.....	666	4,859	848	8,786	102	16,206
New Hampshire.....	(D)	(D)	(D)	(D)	1	810
Vermont.....	(D)	(D)	1	52	(D)	(D)
Massachusetts.....	99	3,178	308	3,083	30	7,592
Rhode Island.....	41	157	(D)	(D)	7	764
Connecticut.....	517	1,483	454	4,404	64	6,588
Middle Atlantic.....	1,788	23,445	5,696	40,104	323	65,607
New York.....	1,015	14,016	4,485	27,880	86	37,658
New Jersey.....	395	6,435	768	6,347	59	10,246
Pennsylvania.....	378	2,994	443	5,877	178	17,703
East North Central.....	4,436	21,296	20,932	158,301	1,915	99,022
Ohio.....	1,219	7,555	6,167	56,874	573	35,122
Indiana.....	597	2,589	3,519	12,062	113	10,960
Illinois.....	2,216	7,698	3,078	26,742	133	13,987
Michigan.....	236	1,544	7,147	50,117	1,036	26,365
Wisconsin.....	168	1,910	1,021	12,506	60	12,588
West North Central.....	606	2,594	2,335	25,652	83	24,936
Minnesota.....	230	1,552	256	2,348	17	2,649
Iowa.....	270	324	1,141	13,742	36	2,742
Missouri.....	90	553	388	5,716	(D)	(D)
Nebraska.....	(D)	(D)	22	343	(D)	(D)
South Atlantic.....	347	4,414	431	7,074	21	5,020
Maryland.....	(D)	(D)	60	1,430	4	2,628
Virginia.....	(D)	(D)	(D)	(D)	2	195
West Virginia.....	(D)	(D)	(D)	(D)	1	355
North Carolina.....	170	857	(D)	(D)	5	770
South Carolina.....	(D)	(D)	(D)	(D)	1	243
Georgia.....	(D)	(D)	123	1,556	7	621
Florida.....	4	76	(D)	(D)	1	208
East South Central.....	² 1,558	² 6,618	2,072	17,786	8	1,223
Kentucky.....	(D)	(D)	1,787	14,876	4	583
Tennessee.....	(D)	(D)	(D)	(D)	2	458
West South Central.....	(²)	(²)	537	5,960	37	10,408
Louisiana.....	(D)	(D)	16	240	(D)	(D)
Oklahoma.....	(D)	(D)	60	465	2	418
Texas.....	(D)	(D)	451	4,776	33	9,406
Mountain.....	27	552	560	3,948	5	596
Colorado.....	(D)	(D)	6	136	1	257
Arizona.....	(D)	(D)	(D)	(D)	3	225
Pacific.....	398	6,289	1,493	19,452	138	15,532
Washington.....	(D)	(D)	(D)	(D)	69	5,036
Oregon.....	(D)	(D)	(D)	(D)	1	605
California.....	369	5,933	1,387	18,165	68	9,891

NA Not available.

D Withheld to avoid disclosing figures for individual companies.

¹Data were reported for the states listed below but the exact figures are withheld to avoid disclosure of individual company figures: Timing motors, synchronous and subsynchronous motors—Maine, Kansas, Delaware, Alabama, Arkansas, Wyoming, New Mexico, Utah and Nevada. All other fractional horsepower motors—Maine, South Dakota, Kansas, Delaware, Alabama, Mississippi, Arkansas, Idaho, Wyoming and Utah. Integral horsepower motors and generators—Maine, Kansas, Alabama, Mississippi, Arkansas, Idaho and Utah.

²Data for the West South Central are included with the East South Central Region.

Index

Publication of data in the preceding tables of this report was confined to materials for which complete coverage, as previously defined, was obtained. Volume II, Industry Statistics, contains the industry statistics reported in the preceding table and also information for a large number of other materials. Data on the use of the latter materials were obtained where they were an important part of total material cost of the given industry. The index below contains a list of all materials, both "complete coverage" and "partial coverage" for which data were collected in the material inquiry section of the 1958 Census of Manufactures report forms.

References to consumption data collected in the product and special inquiry sections of the

Census report forms are not shown in the preceding tables nor in the index below. These are generally products produced and consumed at the same establishment or receipts and/or purchases of similar or allied items produced in the reporting establishment. Such statistics are included in table 6 (product table) of Volume II.

Column 3 of the index below shows the code of all industries for which data on the given material was published. Data for the materials marked with an asterisk appear either in the preceding tables and in table 7 for the specified industry in Volume II; while data for materials not marked with an asterisk may be found only in table 7 of Volume II.

Materials code	Material	Consuming industries	Materials code	Material	Consuming industries
011111	Wheat*.....	2041, 2042, 2043	086113	Natural rubber, latex (dry solids content).....	3011, 3021, 3031, 3069
011115	Corn*.....	2041, 2042, 2043, 2046, 2082	086115	Natural rubber, dry.....	3011, 3021, 3031, 3069
011121	Oats*.....	2041, 2042, 2043	091211	Finfish, round.....	2031, 2036
011125	Barley*.....	2041, 2042, 2043, 2083	091311	Shellfish.....	2031, 2036
011131	Sorghum grain.....	2041, 2042	101111	Iron ore, including manganiferous.....	3312
011135	Rice, rough.....	2044	102111	Copper ores, concentrates and precipitates.....	3331
011141	Sugar cane.....	2061	103211	Lead ores and concentrates.....	3332
011145	Sugar beets.....	2063	103311	Zinc ores and concentrates.....	3333
011151	Rye.....	2085	105111	Bauxite.....	2819
011161	Raw cotton*.....	2293	106211	Manganese ore, including ferruginous (containing 10% or more manganese).....	3312, 3313
	Fresh fruits:			Coal used as a raw material:	
011211	Oranges.....	2033, 2037	111111	Anthracite*.....	2999
011212	Grapes.....	2033	121111	Bituminous coal and lignite*.....	2819, 2999, 3312
011213	Apples.....	2032, 2033, 2037		Crude petroleum (including topped and enriched petroleum):	
011214	Apricots.....	2033	131212	Domestic*.....	2911
011215	Peaches.....	2032, 2033, 2037	131222	Foreign*.....	2911
011216	Pears.....	2033			
011217	Pineapple.....	2033	131311	Natural gas (used as a raw material)*....	2818, 2819, 2895
011218	Strawberries.....	2033, 2037	131411	Natural gasoline, mixed and crude (including drip gasoline).....	2911
011219	Other fresh fruit.....	2033, 2035, 2037	131421	Liquefied petroleum gases.....	2911
011231	Cocoa beans.....	2071, 2072	131511	Cycle condensate.....	2911
011251	Green coffee*.....	2099	140011	Secondary plant food (limestone, magnesium oxide, copper compounds, etc.) except sulfur.....	2871, 2872
	Fresh vegetables:		141191	Rough blocks used to produce dressed stone.....	3281
011311	Tomatoes.....	2032, 2033, 2035	142191	Broken stone received for crushing, screening, or washing.....	3281
011313	Sweet corn.....	2033, 2037	144111	Glass sand, all types.....	3211, 3221, 3229
011315	Snap or wax beans.....	2032, 2033, 2037	144151	Inert fillers.....	2871, 2872
011316	Green peas.....	2032, 2033, 2037		Muriate of potash:	
011317	Irish potatoes.....	2032, 2033, 2037	147411	60-62% K ₂ O.....	2871, 2872
011318	Cucumbers.....	2033, 2035	147421	50% K ₂ O.....	2871, 2872
011319	Other fresh vegetables.....	2032, 2033, 2037	147441	Sulfate of potash.....	2871, 2872
011511	Cattle, number of head and live weight*..	2011	147451	Sulfate of potash-magnesia.....	2871, 2872
011515	Calves, number of head and live weight*..	2011	147461	Other potash bearing materials, excluding potassium nitrate.....	2871, 2872
011521	Sheep and lambs, number of head and live weight*.....	2011	147511	Phosphate rock.....	2871, 2872
011525	Hogs, number of head and live weight*....	2011	147711	Sulfur, crude*.....	2611, 2621, 2631, 2812, 2815, 2818, 2819, 2871, 2872, 2873, 2911, 2879
	Poultry killed:		147991	Pyrites.....	2819
011531	Young chickens (including commercial broilers)*.....	2015	149811	Soil conditioners (peat, nut hulls and citrus meals).....	2871, 2872
011533	Hens (or fowl) and other chickens*.....	2015	149901	Asbestos, crude (including fiber).....	3292, 3293
011535	Turkeys*.....	2015	200011	Other fats and oils (including oils, butter, margarine, puff paste, etc.)....	2051, 2052
011539	Other poultry and small game.....	2015	201011	Lard.....	2051, 2052
011541	Shell eggs.....	2015, 2099	201021	Meat meal and tankage*.....	2041, 2042, 2871, 2872
081111	Cost of stumpage cut (timber), excluding land value.....	2411, 2421, 2426, 2429, 2432			
084231	Raw cork (cork wood or bark unmanufactured and cork waste, shavings, and refuse).....	2499			
086111	Natural rubber*.....	3357			

Index

Materials code	Material	Consuming industries	Materials code	Material	Consuming industries
	Fresh and frozen meats, including variety cuts:		222152	Acrylic yarns.....	2253, 2254, 2256, 2259
201113	Beef.....	2011, 2013	222171	Other man-made fiber yarns.....	2271
201115	Veal.....	2011, 2013	222191	All other yarns.....	2241, 2252, 2253, 2254, 2256, 2259, 2272, 2279
201117	Lamb.....	2011, 2013			
201119	Pork.....	2011, 2013	222411	Tire cord and tire fabrics:	
201131	Meat materials for sausage and canning not separable by species.....	2011, 2013	222421	Cotton cord.....	3011, 3069
201151	Processed pork - cured, smoked, etc....	2011, 2013	222431	Rayon cord.....	3011, 3069
201161	Other purchased meat materials (cured beef, cured lamb, goat meat, etc.)....	2011, 2013	222441	Nylon cord.....	3011, 3069
				Chafer and other tire fabrics.....	3011, 3069
201171	Hides, skins, and pelts, purchased.....	2011	223011	Other broad-woven fabrics:	
201411	Animal casings, purchased.....	2011, 2013	223013	Cotton*.....	3011, 3021, 3069
201511	Dressed poultry, purchased.....	2015, 2032, 2033, 2037	223015	Rayon*.....	3011, 3021, 3069
202251	Cheese*.....	2021, 2022, 2024, 2025, 2026	223017	Nylon*.....	3011, 3021, 3069, 3079
				Other*.....	3011, 3021, 3069
202311	Dried milk.....	2021, 2022, 2023, 2024, 2025, 2026, 2051, 2052	223111	Cotton fabrics*.....	2295, 3079
202313	Condensed and evaporated milk.....	2023, 2024, 2025, 2026, 2051, 2052	223112	Broad-woven fabrics (cotton, wool, etc.).	3151
			223113	Suiting and coating fabrics*.....	2361, 2363, 2369
202331	Ice cream mix, sherbet mix, and ice-milk mix*.....	2021, 2022, 2023, 2024, 2025, 2026	223114	All other broad-woven fabrics*.....	2311, 2321, 2322, 2327, 2328, 2329, 2331, 2335, 2337, 2339, 2341, 2342, 2361, 2363, 2369, 2384, 2385, 2386, 2387, 2389
202711	Whole milk received.....	2021, 2022, 2023, 2024, 2025, 2026	223131	Man-made fiber fabrics*.....	2295
202731	Cream received.....	2021, 2022, 2023, 2024, 2025, 2026	223198	Other textile fabrics*.....	3079
202751	Fluid skim milk*.....	2021, 2022, 2023, 2024, 2025, 2026	223311	Ticking (mattress)*.....	2512, 2515
			223315	Woven upholstery fabrics, cotton (excluding ticking and muslin)*.....	2511, 2512, 2514, 2515
203211	Fish meal and solubles (dry weight equivalent)*.....	2041, 2042			
203411	Dried beans.....	2032, 2033	223321	Cotton broad-woven fabrics (over 12"): Lining fabric*.....	3141, 3142
203451	Dried fruit.....	2032, 2033	223325	Other*.....	3141, 3142
204111	Wheat flour*.....	2037, 2041, 2042, 2043, 2045, 2051, 2052, 2098, 2099	223331	Broad-woven fabrics (piece goods): Cotton*.....	2391, 2392, 2393, 2394, 2399, 3161, 3171, 3717, 3791
204115	Semolina and durum flour*.....	2098			
204121	Corn meal*.....	2041, 2042, 2043, 2045	223413	Nylon*.....	2391, 2392, 2399, 3729
204131	Hominy feed and meal*.....	2041, 2042			
204141	Corn gluten feed and meal*.....	2041, 2042, 2043	223415	Rayon and acetate*.....	2391, 2392, 2399, 3161, 3171
204151	Millfeed and screenings*.....	2041, 2042			
204211	Alfalfa meal (exclude alfalfa hay).....	2041, 2042, 2043	223419	Other broad-woven fabrics*.....	2391, 2392, 2393, 2394, 2399
206011	Sugar (cane and beet)*.....	2021, 2022, 2023, 2024, 2025, 2026, 2032, 2033, 2035, 2037, 2041, 2042, 2043, 2045, 2046, 2051, 2052, 2071, 2072, 2073, 2082, 2086, 2087, 2096, 2099			
			223431	Woven upholstery fabrics (excluding ticking and muslin): Other (rayon, nylon, etc.) except cotton*.....	2511, 2512, 2514, 2515
206111	Raw can sugar (96° basis).....	2062	223451	Other fabrics (woven over 12"), except cotton*.....	3141, 3142, 3791
207211	Chocolate coatings, including cocoa powder composition coatings.....	2071	223455	Other broad-woven fabrics (piece goods)*.....	3161, 2511, 2512, 2514, 2515
208211	Brewers and distillers grain.....	2041, 2042	229311	Paddings and fillings, except latex foam.	2511, 2512, 2514, 2515, 3141, 3142, 3161, 3171, 3713, 3717, 3791
208311	Malt.....	2082, 2085	229511	Coated, impregnated or laminated fabrics.	2411, 2421, 2426, 2429, 2431, 2432, 2433, 2441, 2442, 2443, 2445, 2499, 2511
	Materials used in bottling:				
208511	Spirits.....	2085	229711	Jute yarns.....	2271, 2272
208551	Aged whiskey.....	2085	239311	Burlap bags, new.....	2041, 2042, 2043
			239321	Cotton bags.....	2041, 2042
209211	Shortening*.....	2051, 2052	239323	Containers: textile.....	2871, 2872
209213	Fats and oils for use in flour and prepared flour mixes (purchased as such)	2041, 2045	240011	Containers: wood.....	2892, 3211
209215	Fats and oils, all types (purchased as such).....	2031, 2032, 2033, 2036, 2037, 2099	241115	Logs and bolts.....	2411, 2421, 2426, 2429, 2431, 2432, 2433, 2441, 2442, 2443, 2445, 2499, 2511
209411	Purchased corn starch.....	2046	241121	Poles, piling and other round or hewn wood products.....	2491
209511	Flavoring sirups.....	2086		Pulpwood bolts and logs:	
209913	Frozen and liquid eggs.....	2051, 2052		Softwood:	
214111	Unstemmed leaf tobacco.....	2111, 2121, 2131, 2141	241131	Spruce and true fir.....	2611, 2621, 2661
211131	Other tobacco materials.....	2111, 2121, 2131, 2141	241133	Hemlock.....	2611, 2621
221100	Wool noils and waste.....	2294	241135	Jack pine.....	2621, 2661
221111	Shorn and pulled wool of the sheep, foreign duty-free (scoured weight).....	2271, 2279	241137	Southern pine.....	2611, 2621, 2631, 2661
			241139	Other softwoods.....	2611, 2621, 2661
222111	Cotton yarns.....	2241, 2252, 2271, 2272, 2279, 2292, 3357	241141	Hardwood:	
222113	Combed cotton yarns.....	2253, 2254, 2256, 2259	241143	Northern mixed hardwoods.....	2611, 2621, 2631, 2661
222115	Carded cotton yarns.....	2253, 2254, 2256, 2259	241145	Poplar (Aspen and popple).....	2611, 2621, 2631
222121	Rayon and acetate yarns.....	2241, 2252, 2253, 2254, 2256, 2259, 2271, 2272	241149	Southern mixed hardwoods.....	2611, 2621, 2631, 2661
				Other hardwoods.....	2611, 2621, 2631, 2661
222131	Nylon yarns.....	2241, 2253, 2254, 2256, 2259, 2271, 2272	242110	Lumber purchased and processed.....	2421
			242111	Hardwood lumber, rough.....	2421, 2426, 2431, 2433, 2441, 2442, 2491, 2499
222133	Nylon filament yarns.....	2251, 2252			
222135	Nylon spun yarns.....	2251, 2252	242113	Hardwood lumber, rough and dressed.....	2432, 2511, 2512, 2514, 2515, 2521, 2522, 2531
222141	Wool yarns.....	2252, 2253, 2254, 2256, 2259, 2271, 2272, 2279			
			242115	Softwood lumber, rough.....	2421, 2426, 2431, 2433, 2441, 2442, 2491, 2499
222151	Man-made fiber yarn (rayon acetate, nylon, etc.).....	2292			

MANUFACTURES—SUMMARY STATISTICS

Index

Materials code	Material	Consuming industries	Materials code	Material	Consuming industries
242117	Softwood lumber, rough and dressed.....	2432, 2511, 2512, 2514, 2515, 2521, 2522, 2531	280011	Chemical nitrogenous materials: Containing nitrogen and phosphorus.....	2871, 2872
242121	Dressed lumber: Hardwood.....	2421, 2426, 2431, 2433, 2441, 2442, 2499	280021	Containing nitrogen and potassium (including potassium nitrate).....	2871, 2872
242125	Softwood.....	2421, 2426, 2431, 2433, 2441, 2442, 2499	280031	Containing nitrogen only.....	2871, 2872
242131	Rough, surfaced or semifabricated hardwood dimension.....	2499, 2511, 2512, 2514, 2515, 2521, 2531	280041	Other phosphatic materials.....	2871, 2872
242171	Pulpwood: Softwood chips.....	2611, 2621, 2631, 2661	280043	Urea and calurea.....	2871, 2872
242173	Softwood slabs, cores, and other mill wastes.....	2621	280049	Other organic ammoniates.....	2871, 2872
242175	Hardwood slabs, chips, cores, and other mill waste for pulping.....	2621, 2661	280051	Pigment.....	2295, 3982
242179	Chips, slabs, edgings, shavings, sawdust, and other wood wastes.....	2432, 2499	280061	Antioxidants and inhibitors.....	2911, 2992
242213	Hardwood veneer.....	2431, 2432, 2433, 2441, 2442, 2511, 2514, 2521, 2531	280071	Additives used in making lubricants.....	2911, 2992
242217	Softwood veneer.....	2431, 2432, 2433, 2441, 2442	281111	Sulfuric acid: Sulfuric acid, except spent acid.....	2812, 2815, 2818, 2819, 2821, 2823, 2824, 2871, 2872, 2892, 2911, 3312
243211	Veneer core.....	2431, 2433, 2511, 2514, 2521, 2531	281131	Spent acid fortified in contact units..	2911
243213	Lumber core.....	2431, 2511, 2514, 2521, 2531	281135	Spent sulfuric acid used in the manufacture of superphosphate.....	2871, 2872
243214	Hardwood plywood.....	2441	281151	Sulfuric acid sludge (decomposition acid)	2819
243215	Softwood plywood.....	2431, 2433, 2441, 2511, 2514, 2515, 2531	281211	Chlorine*.....	2611, 2621, 2631, 2812, 2815, 2818, 2819, 2841, 2842
243217	Particle board.....	2511, 2514	281221	Sodium hydroxide (caustic soda)*.....	2611, 2621, 2631, 2815, 2818, 2819, 2821, 2823, 2841, 2842, 2911, 2992
251211	Furniture parts, wood (including frames).	2511, 2512, 2514, 2515	281231	Sodium carbonate (soda ash)*.....	2621, 2631, 2641, 2812, 2815, 2818, 2819, 2841, 2842, 3211, 3221, 3229
251221	Construction for dual-purpose sleep furniture.....	2511, 2512, 2515	281911	Silver nitrate.....	3661
260021	Other paper and board (except newsprint).	2711, 2721, 2731, 2732, 2741, 2751, 2752, 2753, 2761, 2782, 2789	281915	Alumina.....	3334
260051	Paper and paperboard products (excluding paperback foil and cigarette paper).....	2111, 2121, 2131	281919	Phosphorus, elemental.....	2819
260091	Paper and paperboard containers.....	2821, 2823, 2824, 2841, 2842, 2844, 2871, 2872, 2892, 2911, 2992, 3221, 3229, 3231, 3292, 3293, 3634, 3671, 3672, 3673	281921	Acids, except spent acids: Hydrochloric acid.....	2812, 2815, 2818, 2819, 2821
261111	Wood pulp: Produced in pulp mill at same location.	2611, 2621, 2631	281923	Hydrofluoric acid.....	2815, 2818, 2819, 2911
261113	Produced at affiliated or associated mills.....	2621, 2631	281925	Nitric acid*.....	2815, 2818, 2819, 2892
261115	Purchased (market) wood pulp.....	2621, 2631, 2661, 2821, 2823	281927	Phosphoric acid.....	2818, 2819
261131	Cotton pulp.....	2821, 2823, 2892	281929	Mixed acid (sulfuric and nitric).....	2892
269915	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	2646, 2649	281931	Chemical nitrogenous: Ammonia, synthetic, anhydrous*.....	2812, 2815, 2818, 2819, 2871, 2872, 2892
261211	Paper: Newsprint*.....	2711, 2721, 2731, 2732, 2741, 2751, 2752, 2761, 2771, 2782, 2789	281935	Ammonium nitrate.....	2892
261216	Uncoated papers (groundwood, book, bond, writing, ledger, and manifold)..	2721, 2731, 2741, 2771	281937	Ammonium nitrate.....	2892
261218	Bristols, cover, text, and other specialty paper, uncoated.....	2721, 2731, 2741, 2771	281941	Ammoniating or nitrogen solutions, including urea ammoniating solution..	2871, 2872
261221	Coarse paper (Kraft).....	2952	281943	Nitrate of soda.....	2871, 2872
261227	Paper, produced at same establishment or affiliated or associated mills.....	2641, 2642, 2643, 2645, 2649, 2652, 2653, 2654	281945	Sulfate of ammonia.....	2871, 2872
261229	Purchased (market) paper.....	2641, 2642, 2643, 2649, 2652, 2653, 2654	281965	Sodium tripolyphosphate.....	2841, 2842
261238	Paperboard, produced at same establishment or at affiliated or associated mills.....	2641, 2643, 2645, 2649, 2651, 2652, 2653, 2654, 2655	281967	Tetrasodium pyrophosphate.....	2841, 2842
261239	Purchased (market) paperboard.....	2641, 2643, 2645, 2649, 2651, 2652, 2653, 2654, 2655	281969	Trisodium phosphate.....	2841, 2842
261311	Building paper.....	2952	281971	Sodium sulfate (including salt cake)*....	2611, 2621, 2631, 3211, 3221
261351	Paper felts.....	3982	281975	Calcium cyanamide.....	2871, 2872
264151	Coated paper, all types.....	2721, 2731, 2741, 2771	281977	Calcium hypochlorite.....	2841
266111	Paper bags.....	2041, 2042, 2043	281991	Phosphoric acid purchased and used in the manufacture of superphosphate.....	2871, 2872
267111	Paperboard boxes and containers.....	2032, 2033, 2035, 2037, 2041, 2042, 2043, 2834	282111	Creosote oil.....	2491
269911	Paper yarns.....	2271	282151	Naphthalene, grades of 77.5°C or higher..	2815
			282211	Aniline.....	2815, 2818
			282221	Chlorobenzene.....	2815, 2818
			282241	Nitrobenzene.....	2815
			282251	Phenol.....	2815, 2818, 2821
			282261	Phthalic anhydride.....	2815, 2818, 2821
			282271	Styrene.....	2821, 2822
			282315	Unsupported plastic film and sheeting (excluding packaging materials).....	2391, 2392, 2394, 2399, 2511, 2512, 2514, 2521, 2522, 2531, 2599, 3161, 3171, 3791
			282317	Thermosetting resins (phenol, urea, melamine, etc.).....	3011, 3069, 3079
			282319	Thermoplastic resins, including modified resins (vinyls, styrenes, cellulose, polyethylenes, etc.).....	3011, 3021, 3069, 3079
			282321	Vinyl plastics, all forms.....	2295, 3357, 3982
			282331	Polyethylene plastics, all forms.....	3357
			282343	Melamine.....	2821
			282345	Vinyl chloride, monomer.....	2821
			282347	Vinyl acetate, monomer.....	2821
			282355	Cellophane (tubes, sheets, rolls).....	2111, 2121, 2131

SELECTED MATERIALS CONSUMED

7-77

Index

Materials code	Material	Consuming industries	Materials code	Material	Consuming industries
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	2641, 2642, 2643, 2645, 2649, 2651, 2652, 2653, 2654, 2655	311131	Finished leather--Continued	
282371	Pyroxylin.....	2295	311139	Soling leather:	3131, 3141, 3142
282410	Synthetic rubber*.....	3357		Innersole leather.....	3131, 3141, 3142
			311191	All other soling leather.....	3131, 3141, 3142
	Synthetic rubber:		313111	Purchased leather cut stock.....	3141, 3142
282411	Butadiene-styrene type (containing 50 percent or more butadiene).....	3011, 3021, 3031, 3069	321111	Plate glass.....	3231
282413	Butyl type.....	3011, 3021, 3069, 3031	321131	Sheet glass.....	3231
282419	Neoprene.....	3011, 3021, 3069, 3031	322111	Containers: glass.....	2032, 2033, 2035, 2037, 2854, 2841, 2842, 2844
282421	N-type (butadiene-acrylonitrile).....	3011, 3021, 3069, 3031			
282425	Other.....	3011, 3031, 3069		Pressed and blown glass for etching, ornamenting, beading, etc.:	
282511	Man-made fiber staple*.....	2271, 2272	322911	Glass tumblers, stemware, and other tableware.....	3231
282911	Acetic anhydride (net after recovery)....	2821, 2823	322915	Other glass products.....	3229, 3231
	Alcohol:		322919	Textile glass fiber yarns.....	2241
282921	Ethyl, pure.....	2818	329511	Mica.....	3651, 3671, 3673
282923	Ethyl, denatured.....	2815, 2818, 2819, 2821	331205	Ingots, semifinished shapes (blooms, billet, rods, etc.) and other steel shapes received for further processing..	3312
282925	Any1, butyl, methyl, and propyl.....	2815, 2818, 2819, 2821		Concrete reinforcing bars*.....	3441, 3443, 3449
282935	Carbon disulfide.....	2823	331209		
282937	Cellulose acetate.....	2821		Carbon steel:	
282945	Ethylene glycol.....	2815, 2818		Bars and bar shapes*.....	1925, 1951, 1999, 3315, 3411, 3421, 3423, 3425, 3429, 3431, 3433, 3441, 3443, 3449, 3451, 3452, 3461, 3481, 3491, 3493, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3562, 3564, 3566, 3567, 3569, 3571, 3572, 3576, 3579, 3581, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3625, 3531, 3632, 3633, 3634, 3635, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3741, 3742, 3751, 3791, 3799, 3811, 3821, 3822
282951	Formaldehyde.....	2815, 2818, 2821	331211		
282955	Maleic anhydride.....	2821			
282965	Urea.....	2821			
	Bulk surface active agents:				
282971	Emulsifiers, wetting agents, penetrants, etc.....	2841, 2842			
283321	Drugs for use in animal feeds.....	2041, 2042			
283331	Antibiotics for use in animal feeds.....	2041, 2042			
283351	Vitamins for use in animal feeds.....	2041, 2042, 2043			
284111	Glycerine.....	2821, 2892			
284151	Soap.....	2841, 2842			
284211	Bulk surface active agents, primarily for detergent purposes.....	2841, 2842			
287111	Ammonium nitrate and limestone mixtures (calnitro, ANL, etc.).....	2871, 2872			
	Superphosphate:				
287121	Normal (22% A.P.A. and less).....	2871, 2872			
287126	Enriched (over 22% and under 40% A.P.A.)	2871, 2872			
287131	Concentrated (40% A.P.A. and over).....	2871, 2872			
287141	Wet base goods.....	2871, 2872	331212	Sheet and strip*.....	1925, 1951, 1999, 2511, 2512, 2514, 2515, 2522, 2531, 2591, 2599, 3315, 3411, 3421, 3423, 3425, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3491, 3493, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3562, 3564, 3566, 3567, 3569, 3571, 3572, 3576, 3579, 3581, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3631, 3632, 3633, 3634, 3635, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3741, 3742, 3751, 3791, 3799, 3811, 3821, 3822
288031	Vegetable oils, including crude and processed.....	2295, 3982			
288111	Cottonseed cake and meal.....	2041, 2042, 2871, 2872			
288113	Cotton linters (net weight).....	2293, 2512, 2514, 2515			
288117	Cotton linters and linter pulp*.....	2621			
288311	Soybean cake and meal*.....	2041, 2042, 2043			
288411	Other oil cake and meal.....	2041, 2042, 2043			
289511	Carbon black.....	2822			
289611	Ethylene.....	2821			
	Asphalt:				
291111	Less than 200 penetration.....	2951, 2952, 2999			
291115	200 and over penetration.....	2951, 2952			
291131	Fuel oil, used as raw material*.....	2815, 2818, 2895			
291151	Petroleum wax.....	2641, 2642, 2643, 2645, 2649, 2651, 2653, 2654, 2655			
291165	Butadiene.....	2821			
291171	Liquefied petroleum gases.....	2822			
293211	Coke, including breeze*.....	2812, 2818, 2819			
293221	Benzol (benzene) (100% C ₆ H ₆).....	2911			
293231	Benzol (benzene).....	2812, 2815, 2818, 2819, 2821			
301121	Tires, pneumatic.....	3522, 3531, 3532			
301161	Inner tubes.....	3522, 3531	331213	Plates*.....	3811, 3821, 3822
303111	Reclaimed rubber*.....	3011, 3021, 3031, 3069			1925, 1951, 1999, 3423, 3425, 3429, 3431, 3433, 3441, 3442, 3443, 3444, 3449, 3452, 3481, 3491, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3562, 3564, 3566, 3567, 3569, 3571, 3572, 3576, 3579, 3581, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3631, 3632, 3633, 3634, 3635, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3741, 3742, 3751, 3791, 3799, 3811, 3821, 3822
309929	Rubber or latex cores for mattresses, excluding topper pads.....	2511, 2512, 2514, 2515			
309935	Rubber compounds and mixtures purchased (dry rubber solids content).....	3011, 3021, 3069			
311108	Finished leather.....	3121, 3131			
311110	Finished leather.....	2586, 2587, 2521, 2531, 3151, 3161, 3171, 3199			
	Finished leather:				
	Upper leather:				
311112	Lining leather.....	3131, 3141, 3142			
311119	All other upper leather.....	3131, 3141, 3142			3599, 3611, 3612, 3613,

MANUFACTURES—SUMMARY STATISTICS

Index

Materials code	Materials	Consuming industries	Materials code	Materials	Consuming industries
331213	Carbon steel--Continued Plates*--Continued.....	3621, 3622, 3623, 3639, 3644, 3651, 3679, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3741, 3742, 3791, 3799, 3821, 1925, 1999, 3423, 3429, 3433, 3441, 3442, 3443, 3444, 3449, 3452, 3461, 3481, 3491, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3564, 3566, 3567, 3569, 3571, 3576, 3579, 3582, 3589, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3642, 3644, 3661, 3679, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3741, 3742, 3791, 3799, 3811, 3821	331225	Alloy steel (except stainless)--Continued All other steel mill shapes and forms--Continued.....	3532, 3533, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3562, 3566, 3567, 3569, 3571, 3572, 3576, 3579, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3642, 3644, 3651, 3662, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3821
331215	Structural shapes*.....	1925, 1999, 3423, 3429, 3433, 3441, 3442, 3443, 3444, 3449, 3452, 3461, 3481, 3491, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3564, 3566, 3567, 3569, 3571, 3576, 3579, 3582, 3589, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3642, 3644, 3661, 3679, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3741, 3742, 3791, 3799, 3811, 3821	331231	Stainless steel mill shapes and forms*...	1925, 1999, 2511, 2514, 2531, 3421, 3423, 3425, 3429, 3432, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3493, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3562, 3564, 3566, 3567, 3569, 3571, 3572, 3576, 3579, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3632, 3633, 3634, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3741, 3742, 3811, 3821, 3822
331217	Wire and wire products*.....	1961, 1999, 3315, 3411, 3423, 3429, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3491, 3493, 3494, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3544, 3545, 3548, 3551, 3552, 3553, 3559, 3561, 3562, 3564, 3566, 3567, 3569, 3571, 3576, 3579, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3631, 3634, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3742, 3751, 3799, 3821	331241	Carbon steel: Ingots*.....	3391
331218	Tin plate, terneplate, and black plate*	3411, 3444, 3461, 3491	331242	Blooms, billets, and slabs*.....	3391
331219	All other carbon steel mill shapes and forms*.....	1951, 1999, 2511, 2512, 2514, 2515, 2522, 2531, 2591, 2599, 3423, 3429, 3433, 3441, 3442, 3443, 3444, 3449, 3452, 3461, 3481, 3491, 3494, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3544, 3548, 3551, 3552, 3553, 3559, 3561, 3564, 3566, 3567, 3569, 3571, 3576, 3579, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3644, 3661, 3679, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3742, 3791, 3799, 3811, 3821	331243	Bars*.....	3391
			331244	Alloy steel (except stainless): Ingots*.....	3391
			331245	Blooms, billets, and slabs*.....	3391
			331246	Bars*.....	3391
			331247	Stainless steel: Ingots*.....	3391
			331248	Blooms, billets, and slabs*.....	3391
			331249	Bars*.....	3391
			331251	Pig iron*.....	3312, 3321, 3322, 3323, 3361, 3362, 3431, 3433, 3441, 3443, 3449, 3494, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3564, 3566, 3569, 3644, 3717, 3731, 3742
				Rods: Carbon steel.....	3315
			331261	Alloy steel (except stainless).....	3315
			331265	Stainless steel.....	3315
				Wire for redrawing: Carbon steel.....	3315
			331273	Alloy steel (except stainless).....	3315
			331277	Stainless steel.....	3315
			331281	Steel rails for rerolling.....	3312
				Nonferrous metals, alloys, and ferroalloys (ingot, pig, shot, etc.): Ferromanganese.....	3312, 3321, 3322, 3323
			331311	Spiegeleisen.....	3312
			331314	Ferrosilicon (over 6 percent silicon)..	3312
			331315	Ferrotungsten.....	3312
			331316	Ferrochromium.....	3312, 3313
			331318	Other ferroalloys.....	3321, 3322, 3323
				Castings (rough and semifinished, received from foundry): Iron (gray and malleable)*.....	1951, 1999, 3421, 3423, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444,
331225	All other steel mill shapes and forms*.	1925, 1999, 2511, 2514, 2515, 2531, 2591, 3421, 3423, 3425, 3429, 3432, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3494, 3511, 3519, 3522, 3531,			

SELECTED MATERIALS CONSUMED

7-79

Index

Materials code	Materials	Consuming industries	Materials code	Materials	Consuming industries
332011	Castings (rough and semifinished, received from foundry)--Continued Iron (gray and malleable)*--Continued	3449, 3461, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3562, 3564, 3566, 3569, 3581, 3582, 3585, 3586, 3589, 3599, 3621, 3631, 3632, 3633, 3636, 3639, 3642, 3643, 3644, 3694, 3713, 3715, 3717, 3741, 3742, 3799	335111	Copper and copper-base alloy--Continued Bare wire for electrical conduction only--Continued	3639, 3642, 3643, 3651, 3661, 3662, 3679, 3694, 3717, 3721, 3729, 3741, 3811, 3821, 3822
332311	Steel*.....	1925, 1999, 3421, 3423, 3429, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3562, 3564, 3566, 3569, 3571, 3572, 3576, 3579, 3581, 3582, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3629, 3642, 3643, 3644, 3651, 3662, 3679, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3741, 3742, 3751, 3791, 3799, 3811, 3821, 3822	335119	All other copper and copper-base alloy mill shapes and forms (plate, sheet, tubing, bar, mechanical wire, etc.)**	1925, 1951, 1961, 1999, 3315, 3357, 3421, 3423, 3429, 3431, 3432, 3433, 3442, 3443, 3444, 3451, 3452, 3461, 3481, 3494, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3562, 3564, 3566, 3569, 3582, 3585, 3586, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3629, 3631, 3634, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3729, 3731, 3732, 3741, 3742, 3811, 3821, 3822
333111	Copper and copper-base alloy refinery shapes*.....	3357, 3429, 3432, 3494, 3561, 3566, 3621, 3643, 3644	335123	Bare wire, except wire for redrawing; copper and copper-base alloy*.....	3357
333113	Refined unalloyed copper*.....	3321, 3323, 3334, 3341, 3351, 3361, 3362, 3369	335151	Rods: Copper, unalloyed.....	3315, 3357
333115	Copper-base alloys*.....	3321, 3323, 3351, 3361, 3362, 3369	335155	Copper-base alloy.....	3315, 3357
333117	Copper: Blister or anode copper.....	3331	335213	Aluminum and aluminum-base alloy mill shapes and forms: Sheet and plate (excluding foil but include foil stock)*.....	3497
333211	Lead and lead base alloy.....	3351, 3356	335215	Foil, plain*.....	3497
333213	Lead: Refined unalloyed lead.....	3341, 3691	335217	Foil, laminated*.....	3497
333311	Zinc and zinc-base alloy refinery shapes*.....	2815, 2819, 3312, 3321, 3351, 3356, 3361, 3362, 3369, 3429, 3441, 3442, 3443, 3444, 3449, 3461, 3621, 3644	335218	All other aluminum and aluminum-base alloy mill shapes*.....	3357
333315	Zinc: Refined zinc*.....	3341	335251	Aluminum and aluminum-base alloy mill shapes and forms: Rods.....	3315, 3357
333411	Aluminum and aluminum-base alloy refinery shapes*.....	3312, 3313, 3442, 3449, 3519, 3559, 3642, 3643, 3644, 3694, 3717	335255	Bare wire, except wire for redrawing...	3357
333421	Refined aluminum*.....	3321, 3322, 3323, 3334, 3339, 3341, 3351, 3352, 3356, 3361, 3362, 3369, 3496	335257	Sheet, plate, and foil*.....	1925, 1999, 2431, 2433, 2514, 2522, 2531, 2591, 3421, 3423, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3494, 3522, 3531, 3535, 3537, 3541, 3544, 3545, 3548, 3551, 3552, 3553, 3555, 3559, 3561, 3564, 3566, 3569, 3571, 3579, 3585, 3586, 3589, 3599, 3611, 3613, 3621, 3622, 3631, 3632, 3633, 3634, 3635, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3742, 3791, 3799, 3811, 3821
333423	Aluminum-base alloys*.....	3321, 3322, 3323, 3351, 3352, 3356, 3361, 3362, 3369, 3496	335259	All other aluminum mill shapes and forms (extruded shapes, tubing, wire, structural shapes, rod, bar, powder, etc.).....	1925, 1951, 1999, 2431, 2433, 2514, 2522, 2531, 2591, 3421, 3423, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3494, 3522, 3531, 3535, 3537, 3541, 3544, 3545, 3548, 3551, 3552, 3553, 3555, 3559, 3561, 3564, 3566, 3569, 3571, 3579, 3585, 3586, 3589, 3599, 3611, 3613, 3621, 3622, 3631, 3632, 3633, 3634, 3635, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3742, 3791, 3799, 3811, 3821
333511	Magnesium and magnesium-base alloys.....	3321, 3352, 3356, 3361, 3369			
333521	Refined magnesium.....	3341			
333911	Tin.....	3341			
333925	Nickel and nickel-base alloys.....	3312, 3313, 3351, 3356			
335111	Copper and copper-base alloy: Bare wire for electrical conduction only*.....	1999, 3423, 3429, 3433, 3443, 3444, 3461, 3481, 3494, 3522, 3531, 3532, 3536, 3544, 3548, 3553, 3559, 3561, 3566, 3569, 3585, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3629, 3634, 3635,			

MANUFACTURES—SUMMARY STATISTICS

Index

Materials code	Material	Consuming industries	Materials code	Material	Consuming industries
335259	Aluminum and aluminum-base alloy mill shapes and forms--Continued All other aluminum mill shapes and forms (extruded shapes, tubing, wire structural shapes, rod, bar, powder, etc.)--Continued	3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3731, 3732, 3742, 3791, 3799, 3811, 3821	351921	Diesel and semi-Diesel engines*.....	3522, 3531, 3532, 3533, 3536, 3537, 3561, 3621, 3731, 3732, 3741
335911	Nickel and nickel-base alloy mill shapes and forms (rolled, drawn, and extruded).	3651, 3662, 3671, 3673, 3679	359311	Ball and roller bearings*.....	1925, 1951, 1999, 3433, 3511, 3519, 3522, 3531, 3532, 3533, 3536, 3541, 3542, 3545, 3548, 3551, 3552, 3553, 3554, 3559, 3561, 3562, 3564, 3566, 3569, 3611, 3621, 3631, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3741, 3742, 3799, 3811, 3821
335915	Zinc and zinc-base alloy mill shapes and forms (sheet, strip, etc.).....	3692	361211	Carbon and graphite electrodes and other carbon and graphite products for electrical use.....	3692
335937	Magnesium and magnesium-base alloys: All other shapes and forms.....	1999	361412	Fractional horsepower electric motors (under 1 horsepower): Timing motors, synchronous and sub-synchronous*.....	1925, 1999, 3433, 3541, 3542, 3545, 3553, 3564, 3571, 3579, 3581, 3582, 3585, 3586, 3589, 3611, 3621, 3629, 3633, 3634, 3639, 3651, 3662, 3679, 3729, 3811, 3821, 3861, 3871
335941	Tantalum mill products.....	3673, 3679	361419	Fractional horsepower electric motors, excluding timing motors, synchronous and subsynchronous (under 1 horsepower)*.....	1999, 3433, 3522, 3531, 3534, 3535, 3536, 3537, 3541, 3542, 3545, 3551, 3553, 3555, 3559, 3561, 3564, 3566, 3569, 3581, 3582, 3585, 3586, 3589, 3611, 3621, 3629, 3631, 3632, 3633, 3634, 3635, 3636, 3639, 3651, 3662, 3679, 3717, 3729, 3811, 3821, 3861
335955	Other nonferrous metal mill shapes.....	3357	361431	Integral horsepower electric motors and generators (1 horsepower and over)*.....	3433, 3519, 3522, 3531, 3532, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3564, 3569, 3571, 3579, 3589, 3621, 3632, 3731, 3741
335961	Molybdenum.....	3671, 3673	361611	Purchased from other companies.....	3613, 3622
335971	Antimonial lead.....	3691	361615	Received from other plants of the same company.....	3613, 3622
336111	Castings (rough and semifinished, received from foundry): Aluminum and aluminum-base alloy.....	1925, 1951, 1999, 3421, 3423, 3429, 3432, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3452, 3461, 3481, 3494, 3519, 3522, 3531, 3532, 3541, 3542, 3544, 3545, 3548, 3551, 3552, 3553, 3555, 3559, 3561, 3564, 3566, 3569, 3571, 3572, 3576, 3579, 3581, 3582, 3584, 3585, 3586, 3589, 3599, 3611, 3613, 3621, 3622, 3631, 3633, 3634, 3635, 3639, 3642, 3643, 3644, 3651, 3661, 3662, 3679, 3694, 3713, 3715, 3717, 3721, 3722, 3729, 3741, 3742, 3791, 3811, 3821, 3822	363111	Copper and copper-base alloy: Insulated wire and cable.....	1999, 3423, 3429, 3433, 3442, 3443, 3451, 3481, 3494, 3522, 3531, 3532, 3536, 3541, 3542, 3548, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3564, 3569, 3571, 3576, 3582, 3584, 3585, 3589, 3621, 3632, 3731, 3741
336121	Copper and copper-base alloy*.....	1999, 3421, 3423, 3429, 3431, 3432, 3433, 3441, 3442, 3443, 3444, 3449, 3451, 3461, 3494, 3498, 3511, 3519, 3522, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3541, 3542, 3544, 3545, 3548, 3551, 3553, 3554, 3555, 3559, 3561, 3562, 3564, 3566, 3569, 3582, 3585, 3586, 3589, 3599, 3611, 3612, 3613, 3621, 3622, 3623, 3631, 3639, 3642, 3643, 3644, 3661, 3662, 3679, 3694, 3713, 3717, 3721, 3722, 3723, 3729, 3731, 3732, 3741, 3742, 3811, 3821, 3822	366231	Electron tubes (except X-ray)*.....	3611, 3651, 3661, 3662, 3679, 3811, 3821, 3861
339111	Iron and steel forgings*.....	1951, 1999, 3494, 3511, 3519, 3522, 3531, 3532, 3533, 3536, 3541, 3542, 3544, 3545, 3548, 3553, 3561, 3562, 3566, 3585, 3632, 3715, 3717, 3721, 3722, 3729, 3741, 3742, 3751, 3799	366241	Solid state semiconductors (transistors, diodes, etc.)*.....	3611, 3651, 3661, 3662, 3679, 3811, 3821
339217	Wire for redrawing: Copper and copper-base alloy.....	3357	369111	Storage batteries.....	3537
339227	Aluminum and aluminum-base alloy.....	3357	383111	Photographic and projection lenses and prisms.....	3861
339229	Other nonferrous wire.....	3357	397111	Composition and nuclear types of soiling material.....	3141, 3142
339239	Tungsten wire.....	3671, 3672, 3673	397113	Plastic containers.....	2834, 2841, 2842, 2844
339941	Aluminum and aluminum-base alloy forgings*.....	3721, 3722, 3729	941011	Iron and steel scrap*.....	1999, 3312, 3313, 3321, 3322, 3323, 3361, 3362, 3431, 3434, 3432, 3433, 3441, 3443, 3449, 3494
339951	Ferrites (powder, shapes, and forms).....	3651, 3662, 3671, 3679			
340001	Containers: metal.....	2834, 2841, 2842, 2844, 2911, 2992			
341111	Containers: metal cans.....	2032, 2033, 2035, 2037			
348913	Springs, innerspring units and box-spring constructions.....	2511, 2512, 2514, 2515			
351911	Gasoline and other carburetor engines*...	1999, 3522, 3531, 3532, 3533, 3535, 3536, 3537, 3561, 3621, 3731, 3732			

SELECTED MATERIALS CONSUMED

7-81

Index

Mate- rials code	Material	Consuming industries	Mate- rials code	Material	Consuming industries
941011	Iron and steel scrap*--Continued	3519, 3522, 3531, 3532, 3533, 3534, 3535, 3537, 3541, 3542, 3545, 3548, 3551, 3552, 3553, 3554, 3555, 3559, 3561, 3564, 3565, 3566, 3569, 3644, 3717, 3731, 3742		Nonferrous metal scrap (excluding home scrap):	
			941051	Zinc and zinc-base alloy.....	3333, 3352, 3356, 3369
			941061	Lead and lead-base alloy scrap.....	3341
			941071	Tin plate scrap (except home scrap)....	3341
			941251	Waste paper.....	2621, 2631, 2661, 2646
			941252	Cotton waste.....	2293, 2294
941021	Primary metals and scrap: Copper and copper-base alloy*.....	3321, 3331, 3341, 3351, 3352, 3361, 3362, 3429, 3432, 3494, 3554, 3561, 3566, 3621, 3643, 3732	941254	Other fiber waste (rayon, nylon, etc.)...	2293, 2294
			941255	New and used rags, chips, etc.....	2293, 2294, 2621, 2661
			941259	Other fibrous materials, including bagasse, straw, etc.....	2621, 2631, 2661
941031	Aluminum and aluminum-base-alloy scrap*	3321, 3341, 3351, 3352, 3356, 3361, 3362, 3442, 3519, 3559, 3569, 3643, 3644, 3717	941291	Crankcase drainings and other used oils consumed for refining or reclaiming.....	2911, 2992
			970011	Containers and other packaging supplies..	3141, 3142
			970013	Containers and wrapping materials.....	2051, 2052

Detailed Materials Consumed and Total Cost of Materials, Parts, Supplies and Containers, by Industry: 1958

(The table shows by specified SIC industry, the total cost of materials, parts, containers, and supplies and the amounts for which data for specified materials were collected in the materials inquiry (Item 17) of the 1958 Census of Manufactures forms and published in table 7 of Volume II, Industry Statistics. Industries for which no specified materials data were collected in this inquiry are not included in this table.)

"Total Cost of Materials" shown in this table represents the amounts paid or payable for materials, parts, containers, and supplies consumed, or put into production during the year after discounts and including freight charges and other direct charges incurred by the establishment in acquiring these materials. It excludes the cost of items bought and resold in the same condition, cost of contract work, fuels and electric energy. For further specifications see the paragraph in Introduction entitled, "Cost of Materials, etc., Consumed."

The total cost for the specified materials include data only for those materials for which separate figures were collected in the materials inquiry (Item 17) and published. In part, this figure, and particularly the percentage represents some degree of understatement regarding the amount of detail available for materials consumed. For example, the figures shown in columns (d) and (e) do not reflect the information on materials collected on other sections of the report form, such as in the product or special inquiry sections. Nor do these figures reflect information collected on current surveys such as the quantity data shown in the table, "Consumption of Raw Cotton," appearing in this report. Selected chapters in Volume II should be consulted for additional qualifications covering the materials consumed data)

Ind. code	Industry	Total cost of materials (\$1,000) (c)	Cost of specified materials ¹ (\$1,000) (d)	Percentage Col. (d) ÷ Col. (c) (e)	Ind. code	Industry	Total cost of materials (\$1,000) (c)	Cost of specified materials ¹ (\$1,000) (d)	Percentage Col. (d) ÷ Col. (c) (e)
(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)
2011	Meat packing plants.....	9,828,002	9,062,872	92	2322	Men's and boys' underwear.....	63,113	31,884	51
2013	Prepared meat products.....	1,418,567	1,123,816	79	2327	Separate trousers.....	186,985	144,946	78
2015	Poultry dressing plants.....	1,503,499	1,224,806	81	2328	Work clothing.....	350,505	304,925	87
2021	Creamery butter.....	774,765	641,615	83	2329	Men's and boys' clothing, nec.....	165,119	111,418	67
2022	Natural cheese.....	528,395	452,002	86	2331	Blouses.....	164,820	101,592	62
2023	Condensed and evaporated milk.....	584,306	436,163	75	2335	Dresses.....	689,474	520,678	76
2024	Ice cream and frozen desserts.....	472,151	258,242	55	2337	Suits, coats, and skirts.....	521,377	380,480	73
2025	Special dairy products.....	149,659	110,968	74	2339	Women's outerwear, nec.....	201,304	135,806	67
2026	Fluid milk.....	3,952,878	3,101,332	78	2341	Women's and children's underwear..	382,608	158,330	41
2031	Canned and cured seafood.....	203,460	132,579	65	2342	Corsets and allied garments.....	157,225	76,385	49
2032	Canned specialties.....	474,646	291,135	61	2361	Children's dresses.....	128,205	89,227	70
2033	Canned fruits and vegetables.....	1,327,666	1,022,326	77	2363	Children's coats.....	66,354	49,257	74
2035	Pickles and sauces.....	341,768	206,121	60	2369	Children's outerwear, nec.....	137,943	98,052	71
2036	Fresh or frozen packaged fish.....	200,635	148,461	74	2384	Robes and dressing gowns.....	60,524	41,928	69
2037	Frozen fruits and vegetables.....	644,193	406,766	63	2385	Waterproof outer garments.....	57,700	26,340	46
2041	Flour and meal.....	1,576,288	1,457,536	92	2386	Leather and sheeplined clothing...	34,021	23,562	69
2042	Prepared animal feeds.....	2,166,992	1,580,400	73	2387	Apparel belts.....	39,993	13,440	34
2043	Cereal preparations.....	190,037	117,390	62	2389	Apparel, nec.....	43,145	18,779	44
2044	Rice milling.....	231,022	218,410	95	2391	Curtains and draperies.....	118,850	92,228	78
2045	Blended and prepared flour.....	151,181	68,767	45	2392	Housefurnishings, nec.....	366,008	218,014	60
2046	Wet corn milling.....	262,653	174,625	66	2393	Textile bags.....	136,983	89,418	65
2051	Bread and related products.....	1,635,569	1,136,748	70	2394	Canvas products.....	65,127	25,540	39
2052	Biscuit and crackers.....	419,168	324,675	77	2399	Textile products, nec.....	134,799	48,581	36
2061	Raw cane sugar.....	48,515	44,053	91	2411	Logging camps and contractors.....	333,421	170,028	51
2062	Cane sugar refining.....	795,809	743,100	93	2421	Sawmills and planing mills.....	1,405,009	1,094,481	78
2063	Beet sugar.....	228,978	187,909	82	2426	Hardwood dimension and flooring...	132,824	99,351	75
2071	Confectionery products.....	675,500	288,782	34	2429	Special product sawmills, nec.....	45,341	22,202	49
2072	Chocolate and cocoa products.....	314,715	218,185	69	2431	Millwork plants.....	526,412	304,025	58
2073	Chewing gum.....	71,785	12,952	18	2432	Veneer and plywood plants.....	469,683	377,328	80
2082	Malt liquors.....	845,761	192,918	23	2433	Prefabricated wood products.....	177,178	75,888	43
2083	Malt.....	120,985	116,117	96	2441	Nailed wooden boxes and shooks....	113,023	69,825	62
2085	Distilled liquor, except brandy...	391,500	206,872	53	2442	Wirebound boxes and crates.....	43,489	28,916	66
2086	Bottled and canned soft drinks....	596,754	312,511	52	2443	Veneer and plywood containers.....	10,093	5,794	57
2087	Flavorings.....	230,233	85,431	36	2445	Cooperage.....	48,255	1,174	2
2098	Macaroni and spaghetti.....	100,483	68,366	68	2491	Wood preserving.....	117,946	97,252	82
2099	Food preparations, nec.....	2,189,318	1,322,441	60	2499	Wood products, nec.....	229,895	92,345	40
2111	Cigarettes.....	1,097,214	959,579	87	2511	Wood furniture, not upholstered...	597,547	308,472	52
2121	Cigars.....	167,655	158,026	94	2512	Wood furniture, upholstered.....	381,339	232,207	61
2131	Chewing and smoking tobacco.....	86,894	66,445	76	2514	Metal household furniture.....	259,442	120,338	46
2141	Tobacco stemming and redrying.....	944,533	921,807	98	2515	Mattresses and bedsprings.....	305,135	201,908	33
2241	Narrow fabric mills.....	140,445	91,819	65	2521	Wood office furniture.....	26,067	11,748	45
2251	Full-fashioned hosiery mills.....	(2)	51,731	(2)	2522	Metal office furniture.....	95,005	41,141	43
2252	Seamless hosiery mills.....	227,150	97,746	43	2531	Public building furniture.....	87,927	38,092	43
2253	Knit outerwear mills.....	342,959	234,910	68	2541	Wood partitions and fixtures.....	213,577	85,190	40
2254	Knit underwear mills.....	130,097	83,017	64	2591	Venetian blinds and shades.....	85,668	22,515	26
2256	Knit fabric mills.....	313,835	232,571	74	2599	Furniture and fixtures, nec.....	45,802	17,335	38
2259	Knitting mills, nec.....	13,986	8,777	63	2611	Pulp mills.....	207,683	169,133	81
2271	Woven carpets and rugs.....	185,820	150,367	81	2621	Paper mills, except building.....	1,558,240	1,016,629	65
2272	Tufted carpets and rugs.....	198,635	129,187	65	2631	Paperboard mills.....	743,101	519,879	70
2292	Lace goods.....	22,366	11,932	53	2641	Paper coating and glazing.....	475,598	335,826	71
2293	Padding and upholstery filling....	73,503	34,345	47	2642	Envelopes.....	115,889	95,582	82
2294	Processed textile waste.....	48,965	37,902	77	2643	Bags, except textile bags.....	561,097	454,075	81
2295	Coated fabric, not rubberized....	138,957	90,318	65	2644	Wallpaper.....	16,370	9,626	59
2311	Men's and boys' suits and coats...	456,019	362,470	79	2645	Die cut paper and board.....	125,344	94,663	76
2321	Men's dress shirts and nightwear..	395,823	293,988	75	2646	Pressed and molded pulp goods.....	25,703	7,149	28

See footnotes at end of table.

Detailed Materials Consumed and Total Cost of Materials, Parts, Supplies and Containers, by Industry: 1958-Continued

Ind. code	Industry	Total cost of materials (\$1,000)	Cost of specified materials ¹ (\$1,000)	Per-centage Col. (d) ÷ Col. (c)	Ind. code	Industry	Total cost of materials (\$1,000)	Cost of specified materials ¹ (\$1,000)	Per-centage Col. (d) ÷ Col. (c)
(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)
2649	Paper and board products, nec.....	731,118	527,660	72	3334	Primary aluminum.....	319,639	218,197	68
2651	Folding paperboard boxes.....	485,506	395,905	82	3341	Secondary nonferrous metals.....	495,744	362,588	73
2652	Set-up paperboard boxes.....	89,074	66,613	75	3351	Copper rolling and drawing.....	700,162	^a 603,810	^a 86
2653	Corrugated shipping containers.....	1,010,722	887,088	88	3352	Aluminum rolling and drawing.....	995,669	^a 725,303	^a 73
2654	Sanitary food containers.....	346,216	276,586	80	3356	Rolling and drawing, nec.....	270,272	^a 86,743	^a 32
2655	Fiber cans, tubes, drums, etc.....	81,479	44,561	55	3357	Nonferrous wire drawing, etc.....	927,284	^a 615,327	^a 66
2661	Building paper and board mills....	139,776	60,300	43	3361	Aluminum castings.....	173,536	118,196	68
2711	Newspapers.....	1,003,097	825,913	82	3362	Brass, bronze, copper castings....	101,504	66,766	66
2721	Periodicals.....	325,996	265,622	81	3369	Nonferrous castings, nec.....	80,438	37,521	47
2731	Books, publishing and printing....	153,307	104,601	68	3391	Iron and steel forgings.....	306,910	243,416	79
2732	Book printing.....	102,170	56,486	55	3411	Metal cans.....	1,131,055	896,883	79
2741	Miscellaneous publishing.....	39,396	16,663	42	3421	Cutlery.....	44,352	15,716	35
2751	Printing: Letterpress.....	862,560	572,845	66	3423	Edge tools.....	134,803	48,037	36
2752	Printing: Lithographic.....	423,692	290,681	69	3425	Hand saws and saw blades.....	28,132	14,918	53
2753	Engraving and plate printing.....	18,903	7,887	42	3429	Hardware, nec.....	530,894	228,967	43
2761	Manifold business forms.....	141,638	^a 105,418	^a 74	3431	Plumbing fixtures.....	73,354	33,280	45
2771	Greeting cards.....	71,982	37,633	52	3432	Plumbing fittings, brass goods....	120,065	50,524	42
2782	Blankbook; looseleaf binders.....	74,287	33,008	44	3433	Nonelectric heating equipment....	412,955	153,867	37
2789	Bookbinding and related work.....	37,158	8,569	23	3441	Fabricated structural steel.....	856,619	605,248	71
2812	Alkalies and chlorine.....	122,715	12,061	10	3442	Metal doors, sash, and trim.....	517,157	270,842	52
2815	Intermediate coal tar products....	375,594	97,532	26	3443	Boiler shop products.....	768,511	401,902	52
2818	Organic chemicals, nec.....	1,238,614	243,025	20	3444	Sheet metal work.....	462,140	254,090	55
2819	Inorganic chemicals, nec.....	855,603	363,694	43	3449	Miscellaneous metal work, nec....	435,154	317,528	73
2821	Plastics materials.....	907,321	366,248	40	3451	Screw machine products.....	142,256	88,173	62
2822	Synthetic rubber.....	324,275	197,526	61	3452	Bolts, nuts, washers, and rivets..	304,574	213,996	70
2823	Cellulosic man-made fibers.....	292,989	180,669	62	3461	Metal stampings.....	924,207	562,997	61
2824	Organic fibers, noncellulosic.....	234,214	3,795	2	3481	Fabricated wire products, nec....	373,917	253,493	68
2834	Pharmaceutical preparations.....	636,450	124,913	18	3491	Metal barrels, drums, and pails...	145,384	115,555	79
2841	Soap and other detergents.....	707,612	309,892	44	3493	Steel springs.....	58,306	44,083	76
2842	Polishes and sanitation goods.....	242,290	40,868	17	3494	Valves and pipe fittings.....	440,047	250,801	57
2844	Toilet preparations.....	317,196	160,827	50	3496	Collapsible tubes.....	15,186	4,719	31
2871	Fertilizers.....	606,413	516,522	85	3497	Metal foil and leaf.....	51,356	23,614	46
2872	Fertilizers, mixing only.....	192,423	3,060	2	3511	Steam engines and turbines.....	328,353	141,234	43
2873	Agricultural pesticides.....	192,423	3,060	2	3519	Internal combustion engines.....	507,924	162,137	32
2879	Agricultural chemicals, nec.....	192,423	3,060	2	3522	Farm machinery and equipment....	1,183,592	587,974	50
2892	Explosives.....	84,385	23,051	27	3531	Construction machinery.....	948,778	479,802	51
2895	Carbon black.....	43,109	34,012	79	3532	Mining machinery and equipment...	134,093	59,751	45
2911	Petroleum refining.....	11,584,157	^a 10,000,723	^a 86	3533	Oil field machines and equipment..	194,057	97,204	50
2951	Paving mixtures and blocks.....	130,890	48,996	37	3534	Elevators and moving stairways....	62,717	22,076	35
2952	Asphalt felts and coatings.....	261,592	124,637	48	3535	Conveyors.....	141,103	43,196	31
2992	Lubricating oils and greases.....	159,271	^a 40,758	^a 26	3536	Hoists, cranes, and monorails.....	78,611	27,614	35
2999	Petroleum and coal products, nec..	40,293	10,767	27	3537	Industrial trucks and tractors....	119,560	35,801	30
3011	Tires and inner tubes.....	1,158,324	825,085	71	3541	Metal-cutting machine tools.....	192,497	63,675	33
3021	Rubber footwear.....	68,997	34,547	50	3542	Metal-forming machine tools.....	111,608	46,881	42
3031	Reclaimed rubber.....	765,081	359,644	47	3544	Special dies and tools.....	217,315	66,965	31
3069	Fabricated rubber products, nec...	765,081	359,644	47	3545	Machine tool accessories.....	114,880	37,975	33
3079	Plastics products, nec.....	861,827	81,973	95	3548	Metalworking machinery, nec.....	198,035	68,911	35
3121	Industrial leather belting.....	26,211	11,936	46	3551	Food products machinery.....	152,418	52,461	34
3131	Footwear cut stock.....	143,409	64,407	45	3552	Textile machinery.....	136,984	40,478	30
3141	Footwear, except rubber.....	927,138	600,165	64	3553	Woodworking machinery.....	76,883	22,186	29
3142	House slippers.....	50,216	33,627	67	3554	Paper industries machinery.....	133,212	44,645	34
3151	Leather gloves.....	23,150	17,333	75	3555	Printing trades machinery.....	82,552	16,852	20
3161	Luggage.....	84,712	27,672	33	3559	Special industry machinery, nec...	259,751	89,614	34
3171	Handbags and purses.....	106,397	51,952	49	3561	Pumps and compressors.....	467,082	203,281	44
3199	Leather goods, nec.....	24,322	8,368	34	3562	Ball and roller bearings.....	208,638	121,446	58
3211	Flat glass.....	94,234	27,201	29	3564	Blowers and fans.....	99,467	42,907	43
3221	Glass containers.....	273,197	151,272	55	3566	Power transmission equipment.....	193,457	109,122	56
3229	Pressed and blown glass, nec.....	104,081	31,158	30	3567	Industrial furnaces and ovens.....	87,072	16,947	19
3231	Products of purchased glass.....	199,597	124,557	62	3569	General industry machinery, nec...	152,021	38,947	26
3281	Cut stone and stone products.....	63,794	25,830	40	3571	Computing and related machines....	469,376	21,909	47
3292	Asbestos products.....	192,802	73,032	38	3572	Typewriters.....	60,348	14,370	24
3293	Gaskets and insulations.....	67,482	6,829	10	3576	Scales and balances.....	26,147	9,502	36
3312	Blast furnaces and steel mills....	6,865,454	^a 5,044,748	^a 73	3579	Office machines, nec.....	66,555	11,257	17
3313	Electrometallurgical products.....	188,882	42,115	22	3581	Automatic vending machines.....	68,165	11,612	17
3315	Steel wire drawing.....	245,303	^a 178,964	^a 73	3582	Commercial laundry equipment.....	45,745	21,534	47
3321	Gray iron foundries.....	539,685	344,029	64	3584	Vacuum cleaners, industrial.....	5,506	1,901	35
3322	Malleable iron foundries.....	71,371	33,525	47	3585	Refrigeration machinery.....	(²)	294,341	(²)
3323	Steel foundries.....	164,007	60,372	37	3586	Measuring and dispensing pumps....	47,026	8,124	17
3331	Primary copper.....	(²)	558,252	(²)	3589	Service industry machines, nec....	95,601	25,126	26
3332	Primary lead.....	(²)	121,644	(²)	3599	Machine shops.....	427,424	126,449	30
3333	Primary zinc.....	113,813	90,573	80	3611	Electric measuring instruments....	208,678	30,884	15
					3612	Transformers.....	246,093	121,714	49

See footnotes at end of table.

Detailed Materials Consumed and Total Cost of Materials, Parts, Supplies and Containers, by Industry: 1958—Continued

Ind. code	Industry	Total cost of materials (\$1,000) (c)	Cost of specified materials ¹ (\$1,000) (d)	Per- centage Col. (d) ÷ Col. (c) (e)	Ind. code	Industry	Total cost of materials (\$1,000) (c)	Cost of specified materials ¹ (\$1,000) (d)	Per- centage Col. (d) ÷ Col. (c) (e)
(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)
3613	Switchgear and switchboards.....	337,713	148,763	44	3713	Truck and bus bodies.....	145,977	³ 35,456	³ 24
3621	Motors and generators.....	500,425	261,111	52	3715	Truck trailers.....	192,664	³ 50,064	³ 26
3622	Industrial controls.....	113,401	39,510	35	3717	Motor vehicles and parts.....	(²)	³ 2,348,575	(³)
3623	Welding apparatus.....	122,036	61,636	51	3721	Aircraft.....	2,547,029	186,524	7
3629	Electrical industrial goods, nec..	86,496	11,447	13	3722	Aircraft engines and parts.....	1,442,387	308,303	21
3631	Household cooking equipment.....	173,559	53,413	31	3723	Aircraft propellers and parts.....	98,042	3,504	4
3632	Household refrigerators.....	507,061	153,528	30	3729	Aircraft equipment, nec.....	930,073	181,361	19
3633	Household laundry equipment.....	408,083	133,980	33	3731	Ship building and repairing.....	669,205	182,951	27
3634	Electrical housewares and fans....	212,722	51,469	24	3732	Boat building and repairing.....	161,665	24,537	15
3635	Household vacuum cleaners.....	52,771	15,801	30	3741	Locomotives and parts.....	205,480	66,023	32
3636	Sewing machines.....	32,356	3,847	12	3742	Railroad and street cars.....	301,258	144,754	48
3639	Household appliances, nec.....	195,403	70,664	36	3751	Motorcycles, bicycles, and parts..	64,426	11,880	18
3642	Lighting fixtures.....	379,170	73,317	19	3791	Trailer coaches.....	318,095	25,011	8
3643	Current carrying devices.....	164,208	40,090	24	3799	Transportation equipment, nec.....	50,768	13,901	27
3644	Noncurrent carrying devices.....	168,761	106,459	63	3811	Scientific instruments.....	340,980	57,714	17
3651	Radio and TV receiving sets.....	894,137	187,241	21	3821	Mechanical measuring devices.....	224,473	53,106	24
3661	Telephone; telegraph apparatus....	(²)	70,141	(²)	3822	Automatic temperature controls....	90,286	25,818	29
3662	Radio, TV communication equipment.	960,621	135,532	14	3861	Photographic equipment.....	337,895	20,366	6
3671	Electron tubes, receiving type....	73,442	15,133	21	3871	Watches and clocks.....	145,342	2,026	1
3672	Cathode ray picture tubes.....	86,200	3,079	4	3964	Needles, pins, and fasteners.....	84,503	14,095	17
3673	Electron tubes, transmitting.....	73,346	4,287	6	3982	Hard surface floor coverings.....	80,705	38,035	47
3679	Electronic components, nec.....	497,179	93,129	19	1925	Complete guided missiles.....	979,754	35,117	4
3691	Storage batteries.....	202,082	96,070	48	1951	Small arms, 30 mm and under.....	18,070	3,390	19
3692	Primary batteries, dry and wet....	54,987	7,093	13	1961	Small arms ammunition.....	69,026	19,759	29
3694	Engine electrical equipment.....	231,271	73,470	32	1999	Ordnance and accessories, nec.....	924,251	63,422	7

¹Represents cost of specified materials obtained only in the material section of the Census of Manufactures report form.

²Figures omitted because of significant duplication. See text in appropriate industry chapter of Volume II.

³Additional data on specified purchased materials appear in the appropriate industry chapter of Volume II and are not included in these figures.

SELECTED METALWORKING OPERATIONS

8-1

Selected Metalworking and Related Operations

The 1958 Census of Manufactures included a special inquiry on "Selected metalworking and related operations" to provide a measurement of certain metalworking and related facilities in manufacturing. The following operations were included in this inquiry: foundry (iron or steel); foundry (nonferrous, except die casting); die casting (nonferrous metal only); forging--presses, hammers, or upsetters; electroplating; galvanizing and other hot-dip coating; heat treating or annealing of metals for production purposes; automatic screw machine department; machine shop; tool and die shop; pattern shop (foundry patterns only--metal, wood, etc.); plate or structural fabrication; stamping, blanking, and forming; painting, lacquering, and enameling; plastics molding; assembly of product; and shipping department (including packing and crating). For the first fourteen such operations listed above, the number of establishments performing these operations and the number of production workers engaged in these operations, classified by employment size, are shown by industry in table 1 and by geographic division and State in table 2. The size distribution is based on the number of production workers usually employed in the operation. Data on the last three operations listed above and on man-hours worked by production workers in specified metalworking operations were collected for only a limited number of industries. Data for these activities are not summarized in this report but are available by industry in the 1958 Census of Manufactures, Volume II, Industry Statistics.

Information on selected metalworking operations was obtained for practically all industries where such operations are important. For individual industries or groups of industries the inquiry on metalworking and related operations was tailored to fit the principal operations that were characteristic of those industries. For example, the 1954 Census of Manufactures indicated that for SIC 3691, "Storage Batteries," employment in electroplating; plate and structural fabrication; stamping, blanking, and forming; and automatic screw machine operations was negligible. Accordingly, in the 1958 Census of Manufactures, these operations were not listed in the metalworking inquiry on the

report form for that industry. Operations such as foundries; die casting; machine shops; and tool and die shops, which accounted for substantial employment in SIC 3691, were, however, included in this inquiry. In many industries small establishments reported on a short form that did not include the inquiry on metalworking operations. Also, a few larger establishments that filed standard forms did not report their metalworking operations. This has resulted in an understatement of the number of establishments maintaining specific operations, primarily in the smallest size class, and to a much smaller degree an understatement of the total number of production workers in the operation. An approximation of the coverage is given for each industry in table 1A. The coverage is highest in industries in which larger establishments predominate. Similar percentages are shown for geographic divisions and States.

For foundry operations the number of plants operating foundries consists of the number reporting the operation for each industry plus the number of establishments classified in the foundries industries. For forgings operations, the number of plants operating forge shops consists of the number reporting the operation for each industry plus the number of establishments classified in the forgings industries. In footnotes 1 and 2 of table 1, data are shown for the number of establishments classified in these industries. In the State table, separate columns have been included giving the number of establishments classified in these industries in each State. Similarly, the form used by respondents in Industry 3471, Plating and Polishing did not include the metalworking inquiry. Consequently, data for establishments in this industry were presented in the same manner.

A limited inquiry covering machine shops and pattern shop operations was included for the foundry industries and an inquiry covering machine shops and tool and die shops was included for the iron and steel forgings industry. Data for those activities are included in these tables.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
		FOUNDRY (IRON OR STEEL) ¹							
	Major groups 33-38, total.....	611	55	148	408	50,012	155	1,711	48,146
34	Fabricated metal products.....	139	7	33	99	11,514	22	370	11,122
342	Cutlery, hand tools, hardware.....	18	1	8	9	636	(D)	(D)	500-999
3421	Cutlery.....	2	...	1	1	(D)	...	(D)	(D)
3423	Edge tools.....	2	...	1	1	(D)	...	(D)	(D)
3429	Hardware, nec.....	14	1	6	7	568	(D)	(D)	496
343	Plumbing and nonelectric heating.....	43	1	7	35	3,587	(D)	(D)	3,505
3431	Plumbing fixtures.....	12	...	...	12	946	...	...	946
3433	Nonelectric heating equipment.....	31	1	7	23	2,641	(D)	(D)	2,559
344	Structural metal products.....	34	4	12	18	1,702	(D)	(D)	1,552
3441	Fabricated structural steel.....	21	2	10	9	398	(D)	(D)	284
3443	Boiler shop products.....	6	1	...	5	1,022	(D)	...	(D)
3449	Miscellaneous metal work, nec.....	7	1	2	4	282	(D)	(D)	(D)
3451	Screw machine products.....	1	...	...	1	(D)	...	...	(D)
349	Fabricated metal products, nec.....	43	1	6	36	5,559	(D)	(D)	5,000-9,999
3493	Steel springs.....	5	...	2	3	282	...	(D)	(D)
3494	Valves and pipe fittings.....	38	1	4	33	5,277	(D)	(D)	5,230
35	Machinery, except electrical.....	383	39	98	246	26,797	110	1,032	25,655
351	Engines and turbines.....	16	1	1	14	1,000-2,499	(D)	(D)	1,340
3511	Steam engines and turbines.....	3	...	1	2	(D)	...	(D)	(D)
3519	Internal combustion engines.....	13	1	...	12	1,214	(D)	...	(D)
3522	Farm machinery and equipment.....	53	3	15	35	6,857	12	170	6,675
353	Construction and like equipment.....	55	1	14	40	2,500-4,999	(D)	(D)	4,205
3531	Construction machinery.....	18	...	3	15	2,651	...	38	2,613
3532	Mining machinery and equipment.....	13	...	2	11	751	...	(D)	(D)
3533	Oil field machines and equipment.....	7	...	1	6	451	...	(D)	(D)
3534	Elevators and moving stairways.....	2	1	1	...	16	(D)	(D)	...
3535	Conveyors.....	8	...	4	4	360	...	37	323
3536	Hoists, cranes, and monorails.....	1	...	...	1	(D)	...	...	(D)
3537	Industrial trucks and tractors.....	6	...	3	3	123	...	45	78
354	Metalworking machinery.....	46	6	14	26	2,500-4,999	(D)	(D)	2,500-4,999
3541	Metal-cutting machine tools.....	13	1	4	8	583	(D)	(D)	533
3542	Metal-forming machine tools.....	9	...	...	9	629	...	...	629
3544	Special dies and tools.....	17	4	6	7	788	8	54	726
3545	Machine tool accessories.....	2	...	...	2	(D)	...	...	(D)
3548	Metalworking machinery, nec.....	5	1	4	...	1,271	(D)	(D)	...
355	Special industry machinery.....	111	13	30	68	5,422	(D)	(D)	5,053
3551	Food products machinery.....	16	4	3	9	472	13	29	430
3552	Textile machinery.....	22	3	3	16	1,658	12	39	1,607
3553	Woodworking machinery.....	12	2	7	3	306	(D)	(D)	240
3554	Paper industries machinery.....	17	...	5	12	1,150	...	56	1,094
3555	Printing trades machinery.....	10	1	2	7	358	(D)	(D)	334
3559	Special industry machinery, nec.....	34	3	10	21	1,478	10	120	1,348
356	General industrial machinery.....	53	2	11	40	4,119	(D)	(D)	4,002
3561	Pumps and compressors.....	36	...	7	29	2,659	...	72	2,587
3564	Blowers and fans.....	3	...	1	2	206	...	(D)	(D)
3565	Industrial patterns.....	3	2	1	...	10	(D)	(D)	...
3566	Power transmission equipment.....	9	...	1	8	1,208	...	(D)	(D)
3569	General industry machinery, nec.....	2	...	1	1	36	...	(D)	(D)
357	Office machines, nec.....	5	...	1	4	250-499	...	(D)	250-499
3571	Computing and related machines.....	2	...	1	1	(D)	...	(D)	(D)
3576	Scales and balances.....	3	...	...	3	196	...	...	196
358	Service industry machines.....	8	2	...	6	240	(D)	...	100-249
3585	Refrigeration machinery.....	5	1	...	4	187	(D)	...	(D)
3589	Service industry machines, nec.....	3	1	...	2	53	(D)	...	(D)
3599	Machine shops.....	36	11	12	13	789	25	127	637
36	Electrical machinery.....	37	...	5	32	2,500-4,999	...	49	2,500-4,999
361	Electric distribution products.....	3	...	...	3	100-249	...	...	100-249
3611	Electric measuring instruments.....	1	...	...	1	(D)	...	...	(D)
3613	Switchgear and switchboards.....	2	...	...	2	(D)	...	...	(D)
362	Electric industrial apparatus.....	10	...	3	7	652	...	35	617
3621	Motors and generators.....	7	...	2	5	541	...	(D)	(D)
3622	Industrial controls.....	3	...	1	2	111	...	(D)	(D)

See footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-5

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
FOUNDRY (IRON OR STEEL) ¹ —Continued									
36	Electrical machinery—Continued								
363	Household appliances.....	15	...	1	14	500-999	...	(D)	500-999
3631	Household cooking equipment.....	12	...	...	12	831	...	...	831
3633	Household laundry equipment.....	2	...	1	1	(D)	...	(D)	(D)
3634	Electric housewares and fans.....	1	...	...	1	(D)	...	...	(D)
364	Lighting and wiring devices.....	8	...	1	7	500-999	...	(D)	500-999
3642	Lighting fixtures.....	2	...	...	2	(D)	...	...	(D)
3643	Current carrying devices.....	1	...	...	1	(D)	...	...	(D)
3644	Noncurrent carrying devices.....	5	...	1	4	554	...	(D)	(D)
3694	Engine electrical equipment.....	1	...	...	1	(D)	...	...	(D)
37	Transportation equipment.....	52	9	12	31	9,118	(D)	(D)	8,835
371	Motor vehicles and equipment.....	25	3	2	20	5,000-9,999	(D)	(D)	5,000-9,999
3715	Truck trailers.....	2	...	...	2	(D)	...	...	(D)
3717	Motor vehicles and parts.....	23	3	2	18	7,446	(D)	(D)	7,416
372	Aircraft and parts.....	14	5	3	6	250-499	(D)	(D)	250-499
3721	Aircraft.....	1	1	...	...	(D)	(D)	...	...
3722	Aircraft engines and parts.....	5	1	1	3	208	(D)	(D)	(D)
3729	Aircraft equipment, nec.....	8	3	2	3	251	(D)	(D)	225
373	Ships and boats.....	5	...	4	1	260	...	(D)	100-249
3731	Ship building and repairing.....	4	...	3	1	(D)	...	20	(D)
3732	Boat building and repairing.....	1	...	1	...	(D)	...	(D)	...
374	Railroad equipment.....	8	1	3	4	500-999	(D)	(D)	500-999
3741	Locomotives and parts.....	3	1	2	...	(D)	(D)	(D)	...
3742	Railroad and street cars.....	5	...	1	4	771	...	(D)	(D)
38	Instruments and related products.....	2	1	...	1	100-249	(D)	...	100-249
382	Mechanical measuring devices.....	2	1	...	1	50-99	(D)	...	50-99
3821	Mechanical measuring devices.....	1	...	...	1	(D)	...	...	(D)
3822	Automatic temperature controls.....	1	1	...	...	(D)	(D)	...	...
FOUNDRY (NONFERROUS, EXCEPT DIE CASTING) ¹									
	Major groups 33-38, Total.....	719	254	238	227	17,313	605	2,319	14,389
33	Primary metal industries.....	56	8	15	33	2,837	(D)	(D)	2,500-4,999
335	Nonferrous rolling and drawing.....	56	8	15	33	2,837	(D)	(D)	2,500-4,999
3351	Copper rolling and drawing.....	31	...	6	25	2,150	...	69	2,081
3352	Aluminum rolling and drawing.....	10	2	2	6	480	(D)	(D)	452
3356	Rolling and drawing, nec.....	15	6	7	2	207	17	(D)	(D)
34	Fabricated metal products.....	232	48	79	105	8,604	122	808	7,674
342	Cutlery, hand tools, hardware.....	66	18	36	12	500-999	(D)	(D)	410
3421	Cutlery.....	2	2	...	...	(D)	(D)	...	...
3423	Edge tools.....	5	3	2	...	19	(D)	(D)	...
3429	Hardware, nec.....	59	13	34	12	803	33	360	410
343	Plumbing and nonelectric heating.....	54	6	15	33	2,500-4,999	(D)	(D)	1,000-2,499
3431	Plumbing fixtures.....	2	...	...	2	(D)	...	...	(D)
3432	Plumbing fittings, brass goods.....	45	2	13	30	1,909	(D)	(D)	1,757
3433	Nonelectric heating equipment.....	7	4	2	1	137	9	(D)	(D)
344	Structural metal products.....	29	11	10	8	1,279	(D)	(D)	1,000-2,499
3441	Fabricated structural steel.....	6	2	2	2	63	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	7	2	4	1	151	(D)	42	(D)
3443	Boiler shop products.....	6	1	...	5	1,022	(D)	...	(D)
3449	Miscellaneous metal work, nec.....	10	6	4	...	43	12	31	...
345	Screw machine products and bolts.....	5	3	...	2	35	(D)	...	50-99
3451	Screw machine products.....	1	1	...	...	(D)	(D)	...	...
3452	Bolts, nuts, washers, and rivets.....	4	2	...	2	(D)	(D)	...	(D)
3494	Valves and pipe fittings.....	78	10	18	50	3,879	31	189	3,659
35	Machinery, except electrical.....	283	146	100	37	2,918	331	955	1,632
351	Engines and turbines.....	8	2	3	3	100-249	(D)	(D)	100-249
3511	Steam engines and turbines.....	2	1	...	1	(D)	(D)	...	(D)
3519	Internal combustion engines.....	6	1	3	2	139	(D)	30	(D)
3522	Farm machinery and equipment.....	17	6	9	2	449	14	(D)	250-499

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
FOUNDRY (NONFERROUS, EXCEPT DIE CASTINGS) ¹ —Continued									
35	Machinery, except electrical—Continued:								
353	Construction and like equipment.....	19	10	9	...	120	25	95	...
3531	Construction machinery.....	8	2	6	...	67	(D)	(D)	...
3532	Mining machinery and equipment.....	4	2	2	...	28	(D)	(D)	...
3533	Oil field machines and equipment.....	2	2	...	...	(D)	(D)	...	...
3534	Elevators and moving stairways.....	1	...	1	...	(D)	...	(D)	...
3535	Conveyors.....	3	3	...	...	7	7	...	...
3537	Industrial trucks and tractors.....	1	1	...	...	(D)	(D)	...	...
354	Metalworking machinery.....	32	18	11	3	100-249	(D)	(D)	50-99
3541	Metal-cutting machine tools.....	1	...	1	...	(D)	...	(D)	...
3544	Special dies and tools.....	27	15	10	2	156	40	(D)	(D)
3548	Metalworking machinery, nec.....	4	3	...	1	36	(D)	...	(D)
355	Special industry machinery.....	62	37	17	8	548	84	(D)	250-499
3551	Food products machinery.....	10	9	1	...	35	(D)	(D)	...
3552	Textile machinery.....	12	6	3	3	160	18	31	111
3553	Woodworking machinery.....	3	2	...	1	39	(D)	...	(D)
3554	Paper industries machinery.....	8	5	3	...	36	8	28	...
3555	Printing trades machinery.....	7	5	2	...	25	(D)	(D)	...
3559	Special industry machinery, nec.....	22	10	8	4	253	23	78	152
356	General industrial machinery.....	100	53	35	12	500-999	(D)	339	370
3561	Pumps and compressors.....	24	5	14	5	310	15	166	129
3562	Ball and roller bearings.....	1	...	1	...	(D)	...	(D)	...
3564	Blowers and fans.....	4	2	1	1	42	(D)	(D)	(D)
3565	Industrial patterns.....	59	39	18	2	287	85	(D)	(D)
3566	Power transmission equipment.....	6	2	1	3	132	(D)	(D)	115
3569	General industry machinery, nec.....	6	5	...	1	46	(D)	...	(D)
357	Office machines, nec.....	5	...	3	2	50-99	...	(D)	50-99
3571	Computing and related machines.....	3	...	1	2	60	...	(D)	(D)
3576	Scales and balances.....	2	...	2	...	(D)	...	(D)	...
358	Service industry machines.....	4	3	...	1	20-49	(D)	...	20-49
3585	Refrigeration machinery.....	2	1	...	1	24	(D)	...	(D)
3589	Service industry machines, nec.....	2	2	...	...	(D)	(D)	...	...
3599	Machine shops.....	36	17	13	6	496	33	130	333
36	Electrical machinery.....	71	28	19	24	1,337	68	154	1,115
361	Electric distribution products.....	6	1	...	5	100-249	(D)	...	241
3611	Electric measuring instruments.....	1	1	...	...	(D)	(D)	...	...
3613	Switchgear and switchboards.....	5	...	...	5	241	...	...	241
362	Electric industrial apparatus.....	14	7	5	2	100-249	(D)	(D)	50-99
3621	Motors and generators.....	13	6	5	2	103	16	(D)	(D)
3622	Industrial controls.....	1	1	...	...	(D)	(D)	...	...
363	Household appliances.....	8	3	1	4	234	(D)	(D)	213
3631	Household cooking equipment.....	1	...	...	1	(D)	...	...	(D)
3633	Household laundry equipment.....	2	2	...	...	(D)	(D)	...	...
3634	Electric housewares and fans.....	4	1	1	2	100	(D)	(D)	(D)
3636	Sewing machines.....	1	...	...	1	(D)	...	...	(D)
364	Lighting and wiring devices.....	26	9	8	9	574	(D)	65	250-499
3642	Lighting fixtures.....	11	7	3	1	78	16	(D)	(D)
3643	Current carrying devices.....	6	2	2	2	64	(D)	(D)	(D)
3644	Noncurrent carrying devices.....	9	...	3	6	432	...	32	400
3691	Storage batteries.....	17	8	5	4	181	21	38	122
37	Transportation equipment.....	64	21	21	22	1,000-2,499	53	190	500-999
371	Motor vehicles and equipment.....	14	6	6	2	100-249	(D)	(D)	50-99
3713	Truck and bus bodies.....	2	2	...	...	(D)	(D)	...	...
3717	Motor vehicles and parts.....	12	4	6	2	148	7	(D)	(D)
372	Aircraft and parts.....	39	11	13	15	801	30	(D)	500-999
3721	Aircraft.....	15	4	5	6	239	12	40	187
3722	Aircraft engines and parts.....	9	4	2	3	205	10	(D)	(D)
3729	Aircraft equipment, nec.....	15	3	6	6	357	8	51	298
373	Ships and boats.....	9	3	2	4	157	(D)	(D)	127
3731	Ship building and repairing.....	7	2	1	4	148	(D)	(D)	127
3732	Boat building and repairing.....	2	1	1	...	9	(D)	(D)	...
3742	Railroad and street cars.....	2	1	...	1	(D)	(D)	...	(D)
38	Instruments and related products.....	13	3	4	6	250-499	(D)	(D)	250-499
3811	Scientific instruments.....	3	2	...	1	(D)	(D)	...	(D)
382	Mechanical measuring devices.....	10	1	4	5	350	(D)	(D)	250-499
3821	Mechanical measuring devices.....	7	1	3	3	280	(D)	(D)	242
3822	Automatic temperature controls.....	3	...	1	2	70	...	(D)	(D)

SELECTED METALWORKING OPERATIONS

8-7

Table 1.--Selected Metalworking Operations by Industry: 1958--Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
		DIE CASTING (NONFERROUS METAL ONLY) ¹							
	Major groups 33-38, total.....	313	145	113	55	5,574	324	1,170	4,080
33	Primary metal industries.....	3	2	1	...	r ₉	(D)	(D)	...
335	Nonferrous rolling and drawing.....	3	2	1	...	9	(D)	(D)	...
3352	Aluminum rolling and drawing.....	1	1	...	...	(D)	(D)	...	...
3356	Rolling and drawing, nec.....	2	1	1	...	(D)	(D)	(D)	...
34	Fabricated metal products.....	81	36	27	18	1,518	83	265	1,170
3429	Hardware, nec.....	45	16	16	13	1,266	41	171	1,054
344	Structural metal products.....	10	8	1	1	50-99	(D)	(D)	20-49
3441	Fabricated structural steel.....	1	1	...	...	(D)	(D)	...	...
3442	Metal doors, sash, and trim.....	5	3	1	1	44	(D)	(D)	(D)
3444	Sheet metal work.....	4	4	...	...	12	12	...	...
345	Screw machine products and bolts.....	7	3	2	2	50-99	(D)	(D)	20-49
3451	Screw machine products.....	2	...	1	1	(D)	...	(D)	(D)
3452	Bolts, nuts, washers, and rivets.....	5	3	1	1	35	(D)	(D)	(D)
3461	Metal stampings.....	19	9	8	2	133	17	(D)	20-49
35	Machinery, except electrical.....	37	20	11	6	1,318	(D)	(D)	1,000-2,499
3519	Internal combustion engines.....	3	...	1	2	(D)	...	(D)	(D)
354	Metalworking machinery.....	17	12	5	...	77	23	54	...
3541	Metal-cutting machine tools.....	2	...	2	...	(D)	...	(D)	...
3542	Metal-forming machine tools.....	2	2	...	...	(D)	(D)	...	...
3544	Special dies and tools.....	10	8	2	...	38	(D)	(D)	...
3548	Metalworking machinery, nec.....	3	2	1	...	13	(D)	(D)	...
3553	Woodworking machinery.....	3	1	2	...	r ₃₇	(D)	(D)	...
3589	Service industry machines, nec.....	1	1	...	...	(D)	(D)	...	...
3599	Machine shops.....	13	6	3	4	395	16	36	343
36	Electrical machinery.....	146	75	52	19	1,693	169	479	1,045
3611	Electric measuring instruments.....	3	...	2	1	52	...	(D)	(D)
3621	Motors and generators.....	53	22	26	5	472	51	260	161
363	Household appliances.....	7	3	1	3	171	(D)	(D)	155
3633	Household laundry equipment.....	4	3	...	1	32	(D)	...	(D)
3635	Household vacuum cleaners.....	2	...	1	1	(D)	...	(D)	(D)
3636	Sewing machines.....	1	...	...	1	(D)	...	...	(D)
364	Lighting and wiring devices.....	28	15	10	3	402	36	82	284
3642	Lighting fixtures.....	17	8	8	1	255	21	(D)	(D)
3643	Current carrying devices.....	7	5	...	2	120	(D)	...	(D)
3644	Noncurrent carrying devices.....	4	2	2	...	27	(D)	(D)	...
3651	Radios and TV receiving sets.....	4	3	...	1	(D)	5	...	(D)
366	Communication equipment.....	6	2	1	3	100-249	(D)	(D)	100-249
3661	Telephone, telegraph apparatus.....	4	1	1	2	139	(D)	(D)	(D)
3662	Radio, TV communication equipment.....	2	1	...	1	(D)	(D)	...	(D)
3679	Electronic components, nec.....	1	1	...	...	(D)	(D)	...	...
3691	Storage batteries.....	36	27	9	...	123	64	59	...
3694	Engine electrical equipment.....	8	2	3	3	179	(D)	(D)	152
37	Transportation equipment.....	26	6	11	9	500-999	(D)	(D)	683
371	Motor vehicles and equipment.....	26	6	11	9	500-999	(D)	(D)	683
3713	Truck and bus bodies.....	2	1	1	...	(D)	(D)	(D)	...
3717	Motor vehicles and parts.....	24	5	10	9	811	10	118	683
38	Instruments and related products.....	20	6	11	3	218	14	(D)	50-99
3811	Scientific instruments.....	6	3	2	1	44	8	(D)	(D)
382	Mechanical measuring devices.....	14	3	9	2	174	6	(D)	100-249
3821	Mechanical measuring devices.....	11	3	7	1	112	6	(D)	(D)
3822	Automatic temperature controls.....	3	...	2	1	62	...	(D)	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
		FORGING (PRESSES, HAMMERS, OR UPSETTERS) ²							
	Major groups 33-38, total.....	778	331	263	184	14,367	750	2,592	11,025
33	Primary metal industries.....	16	1	6	9	548	(D)	(D)	467
335	Nonferrous rolling and drawing.....	16	1	6	9	548	(D)	(D)	467
3351	Copper rolling and drawing.....	4	...	1	3	161	...	(D)	(D)
3352	Aluminum rolling and drawing.....	8	...	4	4	315	...	49	266
3356	Rolling and drawing, nec.....	4	1	1	2	72	(D)	(D)	(D)
34	Fabricated metal products.....	333	151	122	60	2,500-4,999	341	1,188	2,500-4,999
342	Cutlery, hand tools, hardware.....	164	66	76	22	1,716	(D)	(D)	500-999
3421	Cutlery.....	27	21	5	1	122	51	(D)	(D)
3423	Edge tools.....	101	33	52	16	1,142	92	515	535
3425	Hand saws and saw blades.....	5	3	1	1	51	(D)	(D)	(D)
3429	Hardware, nec.....	31	9	18	4	401	16	154	231
343	Plumbing and nonelectric heating.....	4	3	1	...	10-19	(D)	(D)	...
3431	Plumbing fixtures.....	1	1	...	...	(D)	(D)	...	...
3432	Plumbing fittings, brass goods.....	3	2	1	...	9	(D)	(D)	...
344	Structural metal products.....	94	59	21	14	1,279	114	219	946
3441	Fabricated structural steel.....	26	18	6	2	153	34	(D)	(D)
3442	Metal doors, sash, and trim.....	13	4	3	6	372	8	31	333
3443	Boiler shop products.....	24	14	5	5	598	37	54	507
3444	Sheet metal work.....	10	7	3	...	46	10	36	...
3449	Miscellaneous metal work, nec.....	21	16	4	1	110	25	(D)	(D)
345	Screw machine products and bolts.....	20	6	9	5	317	11	94	212
3451	Screw machine products.....	3	3	...	...	6	6	...	...
3452	Bolts, nuts, washers, and rivets.....	17	3	9	5	311	5	94	212
3461	Metal stampings.....	16	4	7	5	320	10	64	246
349	Fabricated metal products, nec.....	35	13	8	14	749	35	86	628
3493	Steel springs.....	14	4	3	7	293	10	42	241
3494	Valves and pipe fittings.....	21	9	5	7	456	25	44	387
35	Machinery, except electrical.....	261	125	87	49	3,526	274	846	2,406
3511	Steam engines and turbines.....	4	...	3	1	101	...	(D)	(D)
3522	Farm machinery and equipment.....	71	27	16	28	1,804	57	146	1,601
353	Construction and like equipment.....	104	51	45	8	500-999	118	(D)	374
3531	Construction machinery.....	37	20	14	3	361	42	148	171
3532	Mining machinery and equipment.....	19	10	9	...	94	26	68	...
3533	Oil field machines and equipment.....	28	10	13	5	355	33	119	203
3534	Elevators and moving stairways.....	2	2	...	...	(D)	(D)	...	...
3535	Conveyors.....	5	3	2	...	20	(D)	(D)	...
3536	Hoists, cranes, and monorails.....	7	3	4	...	40	4	36	...
3537	Industrial trucks and tractors.....	6	3	3	...	34	6	28	...
354	Metalworking machinery.....	35	20	11	4	315	50	116	149
3541	Metal-cutting machine tools.....	4	3	1	...	16	(D)	(D)	...
3542	Metal-forming machine tools.....	4	1	2	1	42	(D)	(D)	(D)
3544	Special dies and tools.....	5	3	2	...	30	(D)	(D)	...
3545	Machine tool accessories.....	7	2	4	1	68	(D)	41	(D)
3548	Metalworking machinery, nec.....	15	11	2	2	159	26	(D)	(D)
3553	Woodworking machinery.....	2	1	...	1	(D)	(D)	...	(D)
356	General industrial machinery.....	15	7	5	3	100-249	(D)	(D)	50-99
3562	Ball and roller bearings.....	11	5	4	2	101	8	(D)	(D)
3564	Blowers and fans.....	1	1	...	...	(D)	(D)	...	...
3566	Power transmission equipment.....	3	1	1	1	33	(D)	(D)	(D)
357	Office machines, nec.....	7	4	1	2	72	(D)	(D)	20-49
3572	Typewriters.....	1	...	1	...	(D)	...	(D)	...
3576	Scales and balances.....	4	3	1	...	11	(D)	(D)	...
3579	Office machines, nec.....	2	1	...	1	(D)	(D)	...	(D)
358	Service industry machines.....	3	2	1	...	5-9	(D)	(D)	...
3581	Automatic vending machines.....	1	...	1	...	(D)	...	(D)	...
3582	Commercial laundry equipment.....	1	1	...	...	(D)	(D)	...	...
3589	Service industry machines, nec.....	1	1	...	...	(D)	(D)	...	...
3599	Machine shops.....	20	13	5	2	156	26	(D)	50-99
36	Electrical machinery.....	21	2	8	11	500-999	(D)	(D)	500-999
3621	Motors and generators.....	5	1	4	...	40	(D)	(D)	...

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
FORGING (PRESSES, HAMMERS, UPSETTERS)—Continued									
36	Electrical machinery—Continued								
3636	Sewing machines.....	2	1	1	...	(D)	(D)	(D)	...
364	Lighting and wiring devices.....	14	...	3	11	500-999	...	30	500-999
3643	Current carrying devices.....	1	...	...	1	(D)	...	...	(D)
3644	Noncurrent carrying devices.....	13	...	3	10	552	...	30	522
37	Transportation equipment.....	147	52	40	55	5,000-9,999	129	(D)	4,730
371	Motor vehicles and equipment.....	48	15	7	26	2,738	33	(D)	2,500-4,999
3713	Truck and bus bodies.....	5	3	1	1	82	(D)	(D)	(D)
3715	Truck trailers.....	4	3	1	...	14	(D)	(D)	...
3717	Motor vehicles and parts.....	39	9	5	25	2,642	19	41	2,582
372	Aircraft and parts.....	36	10	10	16	1,363	(D)	(D)	1,000-2,499
3721	Aircraft.....	6	1	1	4	251	(D)	(D)	(D)
3722	Aircraft engines and parts.....	14	2	1	11	983	(D)	(D)	962
3729	Aircraft equipment, nec.....	16	7	8	1	129	20	(D)	(D)
373	Ships and boats.....	40	22	13	5	363	(D)	120	100-249
3731	Ship building and repairing.....	35	18	13	4	318	47	120	151
3732	Boat building and repairing.....	5	4	...	1	45	(D)	...	(D)
374	Railroad equipment.....	23	5	10	8	500-999	(D)	120	665
3741	Locomotives and parts.....	2	2	...	...	(D)	(D)	...	...
3742	Railroad and street cars.....	21	3	10	8	791	6	120	665
ELECTROPLATING ³									
	Major groups 33-38, total.....	1,521	742	545	234	20,308	1,602	5,141	13,565
33	Primary metal industries.....	29	10	15	4	728	31	150	547
331	Steel rolling and finishing.....	13	5	8	...	98	17	81	...
3315	Steel wire drawing.....	13	5	8	...	98	17	81	...
3357	Nonferrous wire drawing, etc.....	16	5	7	4	630	14	69	547
34	Fabricated metal products.....	481	220	185	76	5,000-9,999	(D)	1,697	4,578
342	Cutlery, hand tools, hardware.....	206	92	77	37	3,768	(D)	712	2,500-4,999
3421	Cutlery.....	20	16	3	1	83	38	(D)	(D)
3423	Edge tools.....	45	23	20	2	300	55	(D)	(D)
3425	Hand saws and saw blades.....	3	1	2	...	13	(D)	(D)	...
3429	Hardware, nec.....	138	52	52	34	3,372	121	507	2,744
343	Plumbing and nonelectric heating.....	64	27	25	12	1,000-2,499	76	241	500-999
3431	Plumbing fixtures.....	1	...	1	...	(D)	...	(D)	...
3432	Plumbing fittings, brass goods.....	52	20	21	11	949	55	184	710
3433	Nonelectric heating equipment.....	11	7	3	1	152	21	(D)	(D)
344	Structural metal products.....	27	20	6	1	105	43	(D)	20-49
3441	Fabricated structural steel.....	3	1	2	...	17	(D)	(D)	...
3442	Metal doors, sash, and trim.....	10	9	1	...	28	(D)	(D)	...
3444	Sheet metal work.....	7	5	2	...	18	(D)	(D)	...
3449	Miscellaneous metal work, nec.....	7	5	1	1	42	(D)	(D)	(D)
345	Screw machine products and bolts.....	74	36	27	11	670	61	(D)	250-499
3451	Screw machine products.....	13	9	3	1	53	10	(D)	(D)
3452	Bolts, nuts, washers, and rivets.....	61	27	24	10	617	51	207	359
3461	Metal stampings.....	86	33	40	13	959	78	389	492
3494	Valves and pipe fittings.....	24	12	10	2	152	24	(D)	(D)
35	Machinery, except electrical.....	213	132	57	24	1,000-2,499	(D)	511	1,041
3519	Internal combustion engines.....	11	6	3	2	104	17	(D)	(D)
354	Metalworking machinery.....	50	39	11	...	100-249	(D)	(D)	...
3541	Metal-cutting machine tools.....	11	10	1	...	29	(D)	(D)	...
3542	Metal-forming machine tools.....	1	1	...	...	(D)	(D)	...	...
3544	Special dies and tools.....	10	6	4	...	46	7	39	...
3545	Machine tool accessories.....	20	17	3	...	60	30	30	...
3548	Metalworking machinery, nec.....	8	5	3	...	40	10	30	...
356	General industrial machinery.....	21	16	5	...	81	(D)	(D)	...
3562	Ball and roller bearings.....	6	5	1	...	16	(D)	(D)	...
3566	Power transmission equipment.....	15	11	4	...	65	20	45	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments			Employment in the specified operation				
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
ELECTROPLATING ³ —Continued									
35	Machinery, except electrical—Continued								
357	Office machines, nec.....	53	22	18	13	952	52	(D)	500-999
3571	Computing and related machines.....	27	8	12	7	576	23	106	447
3572	Typewriters.....	7	...	3	4	237	...	37	200
3576	Scales and balances.....	6	6	...	...	11	11	...	...
3579	Office machines, nec.....	13	8	3	2	128	18	(D)	(D)
358	Service industry machines.....	30	19	8	3	164	39	60	65
3581	Automatic vending machines.....	6	2	2	2	64	(D)	(D)	(D)
3582	Commercial laundry equipment.....	3	2	1	...	9	(D)	(D)	...
3585	Refrigeration machinery.....	16	11	4	1	69	23	(D)	(D)
3589	Service industry machines, nec.....	5	4	1	...	22	(D)	(D)	...
3599	Machine shops.....	48	30	12	6	327	44	106	177
36	Electrical machinery.....	507	251	188	68	5,447	557	1,843	3,047
361	Electric distribution products.....	74	45	22	7	522	96	221	205
3611	Electric measuring instruments.....	21	12	5	4	197	30	42	125
3613	Switchgear and switchboards.....	53	33	17	3	325	66	179	80
362	Electric industrial apparatus.....	48	23	23	2	326	52	(D)	20-49
3621	Motors and generators.....	34	15	19	...	232	33	199	...
3622	Industrial controls.....	14	8	4	2	94	19	(D)	(D)
363	Household appliances.....	62	18	27	17	1,000-2,499	(D)	296	975
3631	Household cooking equipment.....	12	2	7	3	171	(D)	(D)	85
3632	Household refrigerators.....	4	1	...	3	175	(D)	...	(D)
3633	Household laundry equipment.....	7	1	5	1	93	(D)	(D)	(D)
3634	Electric housewares and fans.....	26	7	11	8	642	16	113	513
3635	Household vacuum cleaners.....	3	...	2	1	52	...	(D)	(D)
3636	Sewing machines.....	8	6	1	1	168	(D)	(D)	(D)
3639	Household appliances, nec.....	2	1	1	...	(D)	(D)	(D)	...
364	Lighting and wiring devices.....	137	75	44	18	1,369	176	398	795
3642	Lighting fixtures.....	80	45	25	10	690	114	215	361
3643	Current carrying devices.....	35	17	14	4	409	30	126	253
3644	Noncurrent carrying devices.....	22	13	5	4	270	32	57	181
3651	Radios and TV communication equipment.....	18	7	8	3	223	15	90	118
366	Communication equipment.....	57	24	21	12	822	52	183	587
3661	Telephone; telegraph apparatus.....	18	6	6	6	461	12	49	400
3662	Radio, TV communication equipment.....	39	18	15	6	361	40	134	187
367	Electronic components.....	100	54	39	7	500-999	(D)	(D)	187
3671	Electron tubes, receiving type.....	4	2	2	...	16	(D)	(D)	...
3672	Cathode ray picture tubes.....	1	1	...	...	(D)	(D)	...	...
3673	Electron tubes, transmitting.....	17	9	4	4	173	25	44	104
3679	Electronic components, nec.....	78	42	33	3	507	88	336	83
3694	Engine electrical equipment.....	11	5	4	2	179	12	(D)	(D)
37	Transportation equipment.....	196	77	65	54	2,500-4,999	156	613	2,500-4,999
371	Motor vehicles and equipment.....	87	33	23	31	2,500-4,999	(D)	(D)	2,924
3713	Truck and bus bodies.....	1	1	...	...	(D)	(D)	...	...
3717	Motor vehicles and parts.....	86	32	23	31	3,209	(D)	(D)	2,924
372	Aircraft and parts.....	98	41	37	20	1,508	(D)	(D)	1,000-2,499
3721	Aircraft.....	21	5	8	8	403	15	65	323
3722	Aircraft engines and parts.....	23	9	7	7	607	17	71	519
3723	Aircraft propellers and parts.....	5	2	2	1	71	(D)	(D)	(D)
3729	Aircraft equipment, nec.....	49	25	20	4	427	48	188	191
3751	Motorcycles, bicycles, and parts.....	10	3	4	3	153	(D)	(D)	120
3799	Transportation equipment.....	1	...	1	...	(D)	...	(D)	...
38	Instruments and related products.....	95	52	35	8	676	(D)	327	100-249
3811	Scientific instruments.....	24	12	11	1	156	27	(D)	20-49
382	Mechanical measuring devices.....	39	19	15	5	336	41	(D)	100-249
3821	Mechanical measuring devices.....	26	14	9	3	199	26	65	108
3822	Automatic temperature controls.....	13	5	6	2	137	15	(D)	(D)
387	Watches and clocks.....	32	21	9	2	184	(D)	93	50-99
3871	Watches and clocks.....	21	11	8	2	161	21	(D)	(D)
3872	Watchcases.....	11	10	1	...	23	(D)	(D)	...

Footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-11

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
GALVANIZING AND OTHER HOT DIP COATING ⁴									
	Major groups 33-38, total.....	468	234	171	63	4,561	492	1,688	2,381
33	Primary metal industries.....	61	21	32	8	500-999	(D)	(D)	250-499
3315	Steel wire drawing.....	36	12	18	6	422	29	184	209
335	Nonferrous rolling and drawing.....	25	9	14	2	100-249	(D)	132	50-99
3351	Copper rolling and drawing.....	3	1	2	...	20	(D)	(D)	...
3352	Aluminum rolling and drawing.....	3	2	1	...	(D)	(D)	(D)	...
3357	Nonferrous wire drawing, etc.....	19	6	11	2	214	14	(D)	(D)
34	Fabricated metal products.....	204	101	78	25	1,783	214	771	798
3411	Metal cans.....	1	...	1	...	10-19	...	(D)	...
3429	Hardware, nec.....	15	12	2	1	81	25	(D)	(D)
343	Plumbing and nonelectric heating.....	4	2	2	...	20-49	(D)	(D)	...
3432	Plumbing fittings, brass goods.....	1	1	...	...	(D)	(D)	...	...
3433	Nonelectric heating equipment.....	3	1	2	...	(D)	(D)	(D)	...
344	Structural metal products.....	57	22	27	8	500-999	(D)	231	250-499
3441	Fabricated structural steel.....	10	1	6	3	205	(D)	(D)	145
3442	Metal doors, sash, and trim.....	9	3	5	1	74	5	(D)	(D)
3443	Boiler shop products.....	8	3	4	1	77	5	(D)	(D)
3444	Sheet metal work.....	28	15	10	3	192	34	69	89
3449	Miscellaneous metal work, nec.....	2	...	2	...	(D)	...	(D)	...
345	Screw machine products and bolts.....	27	19	7	1	137	39	(D)	20-49
3451	Screw machine products.....	3	3	...	...	5	5	...	...
3452	Bolts, nuts, washers, and rivets.....	24	16	7	1	132	34	(D)	(D)
3461	Metal stampings.....	29	14	11	4	317	28	114	175
3481	Fabricated wire products, nec.....	43	23	14	6	341	52	145	144
349	Fabricated metal products, nec.....	28	9	14	5	276	23	(D)	100-249
3491	Metal barrels, drums, and pails.....	9	...	8	1	103	...	(D)	(D)
3494	Valves and pipe fittings.....	19	9	6	4	173	23	56	94
35	Machinery, except electrical.....	34	25	9	...	137	(D)	(D)	...
3561	Pumps and compressors.....	10	6	4	...	58	14	44	...
357	Office machines, nec.....	13	10	3	...	45	20	25	...
3571	Computing and related machines.....	8	5	3	...	39	14	25	...
3576	Scales and balances.....	1	1	...	...	(D)	(D)	...	...
3579	Office machines, nec.....	4	4	...	...	(D)	(D)	...	...
358	Service industry machines.....	11	9	2	...	34	(D)	(D)	...
3581	Automatic vending machines.....	2	1	1	...	11	(D)	(D)	...
3585	Refrigeration machinery.....	9	8	1	...	23	(D)	(D)	...
36	Electrical machinery.....	106	52	30	24	1,506	100	316	1,090
3621	Motors and generators.....	8	5	2	1	70	10	(D)	(D)
363	Household appliances.....	4	3	1	...	16	(D)	(D)	...
3631	Household cooking equipment.....	2	1	1	...	(D)	(D)	(D)	...
3632	Household refrigerators.....	2	2	...	...	(D)	(D)	...	...
364	Lighting and wiring devices.....	39	10	13	16	1,037	(D)	149	500-999
3642	Lighting fixtures.....	10	7	3	...	49	16	33	...
3643	Current carrying devices.....	5	2	2	1	46	(D)	(D)	(D)
3644	Noncurrent carrying devices.....	24	1	8	15	942	(D)	(D)	841
3651	Radios and TV receiving sets.....	7	4	3	...	36	9	27	...
366	Communication equipment.....	16	10	4	2	108	(D)	(D)	50-99
3661	Telephone; telegraph apparatus.....	5	2	2	1	55	(D)	(D)	(D)
3662	Radio, TV communication equipment.....	11	8	2	1	53	11	(D)	(D)
3679	Electronic components, nec.....	27	16	7	4	204	29	80	95
3694	Engine electrical equipment.....	5	4	...	1	35	(D)	...	(D)
37	Transportation equipment.....	63	35	22	6	250-499	(D)	(D)	100-249
371	Motor vehicles and equipment.....	31	19	11	1	100-249	(D)	(D)	20-49
3713	Truck and bus bodies.....	1	1	...	...	(D)	(D)	...	...
3717	Motor vehicles and parts.....	30	18	11	1	172	39	(D)	(D)
372	Aircraft and parts.....	32	16	11	5	291	41	(D)	100-249
3721	Aircraft.....	7	...	5	2	119	92	(D)	(D)
3722	Aircraft engines and parts.....	7	4	2	1	63	12	(D)	(D)
3729	Aircraft equipment, nec.....	18	12	4	2	109	29	(D)	(D)

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
		HEAT TREATING OR ANNEALING OF METALS FOR PRODUCTION PURPOSES							
	Major groups 33-38 total.....	3,511	2,347	823	341	31,111	4,434	7,374	19,303
33	Primary metal industries.....	231	94	87	50	4,265	216	(D)	2,500-4,999
3315	Steel wire drawing.....	51	20	19	12	674	45	144	485
335	Nonferrous rolling and drawing.....	180	74	68	38	3,591	171	(D)	2,500-4,999
3351	Copper rolling and drawing.....	55	10	23	22	1,388	24	257	1,107
3352	Aluminum rolling and drawing.....	58	25	20	13	1,398	61	181	1,156
3356	Rolling and drawing, nec.....	16	6	8	2	126	13	(D)	(D)
3357	Nonferrous wire drawing, etc.....	51	33	17	1	679	73	(D)	(D)
34	Fabricated metal products.....	1,003	752	200	51	2,500-4,999	(D)	1,743	1,548
342	Cutlery, hand tools, hardware.....	302	234	56	12	1,254	440	(D)	250-499
3421	Cutlery.....	47	38	8	1	161	68	(D)	(D)
3423	Edge tools.....	159	128	26	5	588	239	231	118
3425	Hand saws and saw blades.....	26	11	9	6	285	27	64	194
3429	Hardware, nec.....	70	57	13	...	220	106	114	...
343	Plumbing and nonelectric heating.....	29	28	1	...	50-99	(D)	(D)	...
3431	Plumbing fixtures.....	2	2	...	...	(D)	(D)	...	...
3432	Plumbing fittings, brass goods.....	15	14	1	...	28	(D)	(D)	...
3433	Nonelectric heating equipment.....	12	12	...	...	21	21	...	...
344	Structural metal products.....	152	120	27	5	634	(D)	208	100-249
3441	Fabricated structural steel.....	27	23	4	...	72	45	27	...
3442	Metal doors, sash, and trim.....	18	13	2	3	149	(D)	(D)	98
3443	Boiler shop products.....	67	53	12	2	287	108	(D)	(D)
3444	Sheet metal work.....	12	9	3	...	30	15	15	...
3449	Miscellaneous metal work, nec.....	28	22	6	...	96	44	52	...
345	Screw machine products and bolts.....	166	104	48	14	1,086	223	(D)	(D)
3451	Screw machine products.....	41	33	7	1	193	64	(D)	(D)
3452	Bolts, nuts, washers, and rivets.....	125	71	41	13	893	159	340	394
3461	Metal stampings.....	124	106	16	2	432	170	(D)	100-249
3481	Fabricated wire products, nec.....	126	98	21	7	521	176	185	160
349	Fabricated metal products, nec.....	104	62	31	11	723	115	(D)	(D)
3493	Steel springs.....	38	14	15	9	432	21	144	267
3494	Valves and pipe fittings.....	66	48	16	2	291	94	(D)	(D)
35	Machinery, except electrical.....	1,323	926	286	111	12,052	1,685	2,576	7,791
351	Engines and turbines.....	42	17	16	9	470	34	153	283
3511	Steam engines and turbines.....	12	3	6	3	149	6	63	80
3519	Internal combustion engines.....	30	14	10	6	321	28	90	203
3522	Farm machinery and equipment.....	114	72	25	17	1,058	137	255	666
353	Construction and like equipment.....	211	147	47	17	1,000-2,499	273	385	1,000-2,499
3531	Construction machinery.....	68	39	22	7	891	69	192	630
3532	Mining machinery and equipment.....	32	24	5	3	179	42	33	104
3533	Oil field machines and equipment.....	64	44	14	6	467	88	119	260
3534	Elevators and moving stairways.....	3	3	...	...	(D)	(D)	...	...
3535	Conveyors.....	18	16	2	...	52	(D)	(D)	...
3536	Hoists, cranes, and monorails.....	11	9	2	...	25	(D)	(D)	...
3537	Industrial trucks and tractors.....	15	12	2	1	64	23	(D)	(D)
354	Metalworking machinery.....	365	276	76	13	1,601	471	(D)	250-499
3541	Metal-cutting machine tools.....	71	46	22	3	323	82	173	68
3542	Metal-forming machine tools.....	40	35	5	...	120	61	59	...
3544	Special dies and tools.....	107	100	6	1	290	142	(D)	(D)
3545	Machine tool accessories.....	104	69	29	6	601	140	253	208
3548	Metalworking machinery, nec.....	43	26	14	3	267	46	118	103
355	Special industry machinery.....	182	148	26	8	785	278	199	308
3551	Food products machinery.....	30	28	2	...	74	(D)	(D)	...
3552	Textile machinery.....	64	48	12	4	305	99	82	124
3553	Woodworking machinery.....	17	15	2	...	55	(D)	(D)	...
3555	Printing trades machinery.....	20	18	2	...	41	(D)	(D)	...
3559	Special industry machinery, nec.....	51	39	8	4	310	61	65	184
356	General industrial machinery.....	185	100	52	33	2,368	(D)	(D)	1,000-2,499
3561	Pumps and compressors.....	43	30	11	2	223	64	101	58
3562	Ball and roller bearings.....	55	20	16	19	1,288	50	161	1,077
3564	Blowers and fans.....	4	2	2	...	26	(D)	(D)	...
3566	Power transmission equipment.....	64	31	22	11	727	63	215	449
3569	General industry machinery, nec.....	19	17	1	1	104	(D)	(D)	(D)

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
HEAT TREATING OR ANNEALING OF METALS FOR PRODUCTION PURPOSES—Continued									
35	Machinery, except electrical—Continued								
357	Office machines, nec.....	47	20	19	8	755	(D)	195	500-999
3571	Computing and related machines.....	24	7	12	5	484	14	103	367
3572	Typewriters.....	9	2	4	3	201	(D)	(D)	(D)
3576	Scales and balances.....	3	2	1	...	27	(D)	(D)	...
3579	Office machines, nec.....	11	9	2	...	43	(D)	(D)	...
358	Service industry machines.....	32	25	6	1	100-249	(D)	47	20-49
3581	Automatic vending machines.....	3	3	...	...	(D)	(D)	...	...
3582	Commercial laundry equipment.....	7	6	...	1	41	(D)	...	(D)
3585	Refrigeration machinery.....	15	9	6	...	65	18	47	...
3589	Service industry machines, nec.....	7	7	...	...	10	10	...	...
3599	Machine shops.....	145	121	19	5	3,213	196	180	2,837
36	Electrical machinery.....	426	294	107	25	2,952	555	901	1,496
361	Electric distribution products.....	71	47	21	3	371	102	(D)	100-249
3611	Electric measuring instruments.....	16	9	6	1	89	16	(D)	(D)
3612	Transformers.....	28	14	12	2	220	42	(D)	(D)
3613	Switchgear and switchboards.....	27	24	3	...	62	44	18	...
362	Electric industrial apparatus.....	83	55	24	4	398	(D)	(D)	97
3621	Motors and generators.....	69	43	22	4	352	94	161	97
3622	Industrial controls.....	14	12	2	...	46	(D)	(D)	...
363	Household appliances.....	50	31	17	2	250-499	(D)	177	50-99
3631	Household cooking equipment.....	5	2	2	1	38	(D)	(D)	(D)
3632	Household refrigerators.....	4	1	3	...	43	(D)	(D)	...
3633	Household laundry equipment.....	13	8	5	...	53	11	42	...
3634	Electric housewares and fans.....	12	8	4	...	63	15	48	...
3635	Household vacuum cleaners.....	2	2	...	...	(D)	(D)	...	...
3636	Sewing machines.....	9	5	3	1	90	10	(D)	(D)
3639	Household appliances, nec.....	5	5	...	...	10	10	...	...
364	Lighting and wiring devices.....	63	52	11	...	186	93	93	...
3642	Lighting fixtures.....	24	21	3	...	62	38	24	...
3643	Current carrying devices.....	24	19	5	...	86	36	50	...
3644	Noncurrent carrying devices.....	15	12	3	...	38	19	19	...
3651	Radios and TV receiving sets.....	8	6	2	...	23	(D)	(D)	...
366	Communication equipment.....	41	27	10	4	363	46	77	240
3661	Telephone; telegraph apparatus.....	17	9	4	4	283	18	25	240
3662	Radio, TV communication equipment.....	24	18	6	...	80	28	52	...
367	Electronic components.....	92	62	20	10	1,000-2,499	(D)	(D)	(D)
3671	Electron tubes, receiving type.....	6	3	2	1	66	6	(D)	(D)
3672	Cathode ray picture tubes.....	4	1	1	2	(D)	(D)	(D)	(D)
3673	Electron tubes, transmitting.....	22	16	5	1	(D)	28	(D)	(D)
3679	Electronic components, nec.....	60	42	12	6	899	66	115	718
369	Electrical products, nec.....	18	15	2	1	90	26	(D)	20-49
3691	Storage batteries.....	3	3	...	...	4	4	...	...
3694	Engine electrical equipment.....	15	12	2	1	86	22	(D)	(D)
37	Transportation equipment.....	423	195	127	101	5,000-9,999	(D)	1,209	5,000-9,999
371	Motor vehicles and equipment.....	185	74	54	57	3,837	(D)	(D)	3,126
3713	Truck and bus bodies.....	5	4	1	...	17	(D)	(D)	...
3715	Truck trailers.....	4	4	...	...	12	12	...	...
3717	Motor vehicles and parts.....	176	66	53	57	3,808	142	540	3,126
372	Aircraft and parts.....	209	103	62	44	2,803	(D)	(D)	1,000-2,499
3721	Aircraft.....	29	7	9	13	655	11	100	544
3722	Aircraft engines and parts.....	65	30	20	15	1,041	67	175	799
3723	Aircraft propellers and parts.....	6	2	2	2	104	(D)	(D)	(D)
3729	Aircraft equipment, nec.....	109	64	31	14	1,003	121	294	588
373	Ships and boats.....	28	17	11	...	114	41	73	...
3731	Ship building and repairing.....	22	11	11	...	99	26	73	...
3732	Boat building and repairing.....	6	6	...	...	15	15	...	...
3791	Trailer coaches.....	1	1	...	...	(D)	(D)	...	...
38	Instruments and related products.....	105	86	16	3	383	156	(D)	50-99
3811	Scientific instruments.....	26	19	7	...	92	37	55	...
382	Mechanical measuring devices.....	49	40	6	3	209	69	(D)	50-99
3821	Mechanical measuring devices.....	35	29	4	2	148	45	(D)	(D)
3822	Automatic temperature controls.....	14	11	2	1	61	24	(D)	(D)
387	Watches and clocks.....	30	27	3	...	82	50	32	...
3871	Watches and clocks.....	16	13	3	...	61	29	32	...
3872	Watchcases.....	14	14	...	...	21	21	...	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
AUTOMATIC SCREW MACHINE DEPARTMENT									
	Major groups 33-38, total.....	3,003	1,318	1,091	594	44,348	2,878	10,536	30,934
33	Primary metal industries.....	6	3	1	2	287	(D)	(D)	250-499
335	Nonferrous rolling and drawing.....	6	3	1	2	287	(D)	(D)	250-499
3351	Copper rolling and drawing.....	2	1	...	1	(D)	(D)	...	(D)
3352	Aluminum rolling and drawing.....	4	2	1	1	(D)	(D)	(D)	(D)
34	Fabricated metal products.....	1,225	401	572	252	5,000-9,999	(D)	5,661	11,576
342	Cutlery, hand tools, hardware.....	162	92	55	15	1,173	(D)	(D)	465
3421	Cutlery.....	9	5	4	...	44	9	35	...
3423	Edge tools.....	59	35	18	6	478	67	175	236
3425	Hand saws and saw blades.....	4	3	1	...	15	(D)	(D)	...
3429	Hardware, nec.....	90	49	32	9	636	112	295	229
343	Plumbing and nonelectric heating.....	42	22	14	6	250-499	48	(D)	100-249
3431	Plumbing fixtures.....	1	...	...	1	(D)	...	...	(D)
3432	Plumbing fittings, brass goods.....	27	14	10	3	232	28	101	103
3433	Nonelectric heating equipment.....	14	8	4	2	149	20	(D)	(D)
3444	Sheet metal work.....	5	4	1	...	17	(D)	(D)	...
345	Screw machine products and bolts.....	861	209	450	202	13,751	553	4,526	8,672
3451	Screw machine products ⁵	766	183	403	180	11,822	492	4,045	7,285
3452	Bolts, nuts, washers, and rivets.....	95	26	47	22	1,929	61	481	1,387
3461	Metal stampings.....	40	22	14	4	541	47	116	378
3481	Fabricated wire products, nec.....	8	4	3	1	53	7	(D)	20-49
3494	Valves and pipe fittings.....	107	48	35	24	2,260	105	337	1,818
35	Machinery, except electrical.....	995	573	269	153	10,000 or more	(D)	2,419	9,123
351	Engines and turbines.....	25	5	8	12	797	(D)	(D)	500-999
3511	Steam engines and turbines.....	3	1	1	1	70	(D)	(D)	(D)
3519	Internal combustion engines.....	22	4	7	11	727	7	79	641
3522	Farm machinery and equipment.....	60	30	15	15	911	63	146	702
353	Construction and like equipment.....	81	46	26	9	912	(D)	228	500-999
3531	Construction machinery.....	23	13	6	4	310	25	48	237
3532	Mining machinery and equipment.....	10	6	3	1	130	9	(D)	(D)
3533	Oil field machines and equipment.....	17	5	9	3	146	10	69	67
3534	Elevators and moving stairways.....	4	2	2	...	17	(D)	(D)	...
3535	Conveyors.....	11	7	4	...	61	14	47	...
3536	Hoists, cranes, and monorails.....	7	6	1	...	18	(D)	(D)	...
3537	Industrial trucks and tractors.....	9	7	1	1	230	16	(D)	(D)
354	Metalworking machinery.....	198	125	50	23	1,796	(D)	452	1,000-2,499
3541	Metal-cutting machine tools.....	37	20	14	3	244	35	127	82
3542	Metal-forming machine tools.....	16	14	1	1	74	(D)	(D)	(D)
3544	Special dies and tools.....	43	36	5	2	291	76	(D)	(D)
3545	Machine tool accessories.....	66	38	19	9	681	83	170	428
3548	Metalworking machinery, nec.....	36	17	11	8	506	37	95	374
355	Special industry machinery.....	113	76	26	11	896	146	227	523
3551	Food products machinery.....	14	11	3	...	44	20	24	...
3552	Textile machinery.....	39	22	9	8	528	46	73	409
3553	Woodworking machinery.....	12	8	4	...	56	11	45	...
3555	Printing trades machinery.....	20	14	4	2	131	21	(D)	(D)
3559	Special industry machinery, nec.....	28	21	6	1	137	48	(D)	(D)
356	General industrial machinery.....	185	88	51	46	3,982	(D)	457	2,500-4,999
3561	Pumps and compressors.....	47	25	17	5	658	55	150	453
3562	Ball and roller bearings.....	55	15	9	31	2,618	28	98	2,492
3564	Blowers and fans.....	5	3	2	...	28	(D)	(D)	...
3566	Power transmission equipment.....	56	28	19	9	596	63	162	371
3569	General industry machinery, nec.....	22	17	4	1	82	31	(D)	(D)
357	Office machines, nec.....	57	16	22	19	1,586	(D)	(D)	1,000-2,499
3571	Computing and related machines.....	23	4	10	9	812	12	115	685
3572	Typewriters.....	9	...	2	7	532	...	(D)	(D)
3576	Scales and balances.....	6	5	1	...	22	(D)	(D)	...
3579	Office machines, nec.....	19	7	9	3	220	19	78	123

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
AUTOMATIC SCREW MACHINE DEPARTMENT--Continued									
35	Machinery, except electrical--Continued								
358	Service industry machines.....	45	25	14	6	250-499	51	117	250-499
3581	Automatic vending machines.....	4	2	2	...	28	(D)	(D)	...
3582	Commercial laundry equipment.....	6	5	...	1	44	(D)	...	(D)
3584	Vacuum cleaners, industrial.....	1	...	1	...	(D)	...	(D)	...
3585	Refrigeration machinery.....	16	7	6	3	231	11	47	173
3586	Measuring and dispensing pumps.....	13	6	5	2	159	11	(D)	(D)
3589	Service industry machines, nec.....	5	5	...	...	8	8	...	...
3599	Machine shops.....	231	162	57	12	1,308	286	469	553
36	Electrical machinery.....	356	181	104	71	5,385	(D)	(D)	2,500-4,999
361	Electric distribution products.....	53	31	12	10	606	77	124	405
3611	Electric measuring instruments.....	20	8	6	6	372	23	52	297
3613	Switchgear and switchboards.....	33	23	6	4	234	54	72	108
362	Electric industrial apparatus.....	71	37	23	11	797	95	(D)	250-499
3621	Motors and generators.....	59	30	21	8	655	82	209	364
3622	Industrial controls.....	12	7	2	3	142	13	(D)	(D)
363	Household appliances.....	49	22	15	12	500-999	(D)	132	692
3631	Household cooking equipment.....	3	1	2	...	(D)	(D)	(D)	...
3632	Household refrigerators.....	4	1	1	2	115	(D)	(D)	(D)
3633	Household laundry equipment.....	15	6	6	3	209	10	48	151
3634	Electric housewares and fans.....	8	2	2	4	149	(D)	(D)	131
3635	Household vacuum cleaners.....	4	1	2	1	57	(D)	(D)	(D)
3636	Sewing machines.....	8	4	2	2	310	10	(D)	(D)
3639	Household appliances, nec.....	7	7	...	...	12	12	...	...
364	Lighting and wiring devices.....	62	35	17	10	847	81	(D)	500-999
3642	Lighting fixtures.....	16	11	4	1	78	24	(D)	(D)
3643	Current carrying devices.....	34	19	9	6	529	45	100	384
3644	Noncurrent carrying devices.....	12	5	4	3	240	12	31	197
3651	Radios and TV receiving sets.....	11	8	1	2	91	18	(D)	(D)
366	Communication equipment.....	44	23	10	11	500-999	52	(D)	500-999
3661	Telephone; telegraph apparatus.....	21	8	4	9	672	18	43	611
3662	Radio, TV communication equipment.....	23	15	6	2	(D)	34	(D)	(D)
3679	Electronic components, nec.....	32	14	13	5	313	26	115	172
3694	Engine electrical equipment.....	34	11	13	10	1,034	25	129	880
37	Transportation equipment.....	279	99	92	88	5,000-9,999	(D)	899	4,730
371	Motor vehicles and equipment.....	119	25	45	49	2,500-4,999	(D)	(D)	2,840
3713	Truck and bus bodies.....	1	...	1	...	(D)	...	(D)	...
3715	Truck trailers.....	1	1	...	...	(D)	(D)	...	...
3717	Motor vehicles and parts.....	117	24	44	49	3,356	57	459	2,840
372	Aircraft and parts.....	137	64	40	33	2,241	(D)	366	1,000-2,499
3721	Aircraft.....	17	8	8	1	338	(D)	72	(D)
3722	Aircraft engines and parts.....	31	13	5	13	694	37	39	618
3723	Aircraft propellers and parts.....	5	4	...	1	54	(D)	...	(D)
3729	Aircraft equipment, nec.....	84	39	27	18	1,155	79	255	821
374	Railroad equipment.....	10	4	3	3	117	(D)	(D)	50-99
3741	Locomotives and parts.....	4	1	1	2	69	(D)	(D)	(D)
3742	Railroad and street cars.....	6	3	2	1	48	5	(D)	(D)
3751	Motorcycles, bicycles, and parts.....	8	2	3	3	120	(D)	(D)	87
3799	Transportation equipment.....	5	4	1	...	10	(D)	(D)	...
38	Instruments and related products.....	142	61	53	28	1,000-2,499	(D)	(D)	1,270
3811	Scientific instruments.....	35	21	8	6	333	39	64	230
382	Mechanical measuring devices.....	78	32	33	13	970	76	381	513
3821	Mechanical measuring devices.....	53	25	20	8	546	59	235	252
3822	Automatic temperature controls.....	25	7	13	5	424	17	146	261
387	Watches and clocks.....	29	8	12	9	500-999	(D)	(D)	527
3871	Watches and clocks.....	27	7	11	9	647	19	101	527
3872	Watchcases.....	2	1	1	...	(D)	(D)	(D)	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
MACHINE SHOPS									
	Major groups 33-38, total.....	15,476	4,167	6,186	5,123	643,739	10,491	63,476	569,772
33	Primary metal industries.....	965	298	392	275	22,755	715	3,920	18,121
3315	Steel wire drawing.....	53	16	22	15	839	43	262	534
332	Iron and steel foundries.....	329	90	145	94	8,766	201	1,407	7,158
3321	Gray iron foundries.....	236	66	111	59	5,234	144	1,079	4,011
3322	Malleable iron foundries.....	20	6	7	7	530	16	64	450
3323	Steel foundries.....	73	18	27	28	3,002	41	264	2,697
335	Nonferrous rolling and drawing.....	197	59	65	73	5,125	146	636	4,343
3351	Copper rolling and drawing.....	40	7	14	19	1,337	16	168	1,153
3352	Aluminum rolling and drawing.....	49	14	11	24	1,957	34	88	1,835
3356	Rolling and drawing, nec.....	25	7	12	6	405	19	109	277
3357	Nonferrous wire drawing, etc.....	83	31	28	24	1,426	77	271	1,078
336	Nonferrous foundries.....	272	106	107	59	4,517	254	1,030	3,233
3361	Aluminum castings.....	112	42	44	26	2,142	97	414	1,631
3362	Brass, bronze, copper castings.....	103	48	37	18	1,369	114	355	900
3369	Nonferrous castings, nec.....	57	16	26	15	1,006	43	261	702
3391	Iron and steel forgings.....	114	27	53	34	3,508	71	585	2,582
34	Fabricated metal products.....	3,199	1,196	1,234	769	77,466	(D)	(D)	60,927
3411	Metal cans.....	125	31	46	48	3,161	78	459	2,624
342	Cutlery, hand tools, hardware.....	533	182	202	149	9,998	415	1,959	7,624
3421	Cutlery.....	40	15	19	6	523	33	144	346
3423	Edge tools.....	187	65	68	54	3,557	147	622	2,788
3425	Hand saws and saw blades.....	33	7	16	10	570	15	181	374
3429	Hardware, nec.....	273	95	99	79	5,348	220	1,012	4,116
343	Plumbing and nonelectric heating.....	237	70	101	66	4,730	146	1,019	3,565
3431	Metal plumbing fixtures.....	15	3	6	6	917	8	68	841
3432	Plumbing fittings, brass goods.....	67	10	28	29	1,619	27	280	1,312
3433	Nonelectric heating equipment.....	155	57	67	31	2,194	111	671	1,412
344	Structural metal products.....	743	375	253	115	9,891	777	2,402	6,712
3441	Fabricated structural steel.....	174	87	63	24	2,044	179	640	1,225
3442	Metal doors, sash, and trim.....	97	48	34	15	1,742	102	361	1,279
3443	Boiler shop products.....	223	98	77	48	3,895	203	741	2,951
3444	Sheet metal work.....	138	83	44	11	957	168	367	422
3449	Miscellaneous metal work, nec.....	111	59	35	17	1,253	125	293	835
345	Screw machine products and bolts.....	567	191	260	116	13,194	875	3,910	8,409
3451	Screw machine products.....	392	138	189	65	4,864	342	1,890	2,632
3452	Bolts, nuts, washers, and rivets.....	175	53	71	51	3,610	131	759	2,720
3461	Metal stampings.....	369	174	146	49	4,720	402	1,261	3,057
3481	Fabricated wire products, nec.....	198	106	73	19	11,610	238	676	10,696
349	Fabricated metal products, nec.....	427	67	153	207	20,162	(D)	(D)	18,240
3491	Metal barrels, drums, and pails.....	49	24	18	7	425	49	180	196
3492	Safes and vaults.....	10	5	2	3	210	(D)	(D)	185
3493	Steel springs.....	25	13	10	2	215	30	(D)	(D)
3494	Valves and pipe fittings.....	317	17	108	192	19,078	48	1,318	17,712
3496	Collapsible tubes.....	16	4	10	2	158	8	(D)	(D)
3497	Metal foil and leaf.....	10	4	5	1	76	8	(D)	(D)
35	Machinery, except electrical.....	7,636	1,705	3,323	2,608	314,947	(D)	(D)	10,000 or more
351	Engines and turbines.....	92	10	9	73	20,883	22	118	20,743
3511	Steam engines and turbines.....	24	...	3	21	7,142	...	38	7,104
3519	Internal combustion engines.....	68	10	6	52	13,741	22	80	13,639
3522	Farm machinery and equipment.....	418	155	154	109	17,176	373	1,564	15,239
353	Construction and like equipment.....	793	172	279	342	36,833	399	2,870	33,564
3531	Construction machinery.....	243	40	72	131	17,775	93	772	16,910
3532	Mining machinery and equipment.....	73	14	21	38	3,638	28	243	3,367
3533	Oil field machines and equipment.....	167	13	66	88	8,849	33	739	8,077
3534	Elevators and moving stairways.....	65	27	25	13	1,041	65	238	738
3535	Conveyors.....	119	39	52	28	1,926	92	458	1,376
3536	Hoists, cranes, and monorails.....	54	17	15	22	1,557	37	158	1,362
3537	Industrial trucks and tractors.....	72	22	28	22	2,047	51	262	1,734

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
MACHINE SHOPS—Continued									
35	Machinery, except electrical—Continued								
354	Metalworking machinery.....	1,420	222	593	605	63,849	568	6,493	56,788
3541	Metal-cutting machine tools.....	204	9	59	136	17,393	30	699	16,664
3542	Metal-forming machine tools.....	136	13	42	81	8,777	34	559	8,184
3544	Special dies and tools.....	726	161	378	187	13,212	412	3,898	8,902
3545	Machine tool accessories.....	228	23	85	120	12,996	50	1,030	11,916
3548	Metalworking machinery, nec.....	126	16	29	81	11,471	42	307	11,122
355	Special industry machinery.....	1,125	205	450	470	52,690	521	4,661	47,508
3551	Food products machinery.....	223	50	97	76	5,548	123	988	4,437
3552	Textile machinery.....	186	38	78	70	10,018	90	818	9,110
3553	Woodworking machinery.....	113	14	50	49	3,670	36	515	3,119
3554	Paper industries machinery.....	98	7	33	58	6,917	19	383	6,515
3555	Printing trades machinery.....	110	16	37	57	6,705	38	335	6,332
3559	Special industry machinery, nec.....	395	80	155	160	19,832	215	1,622	17,995
356	General industrial machinery.....	876	205	300	371	37,676	494	(D)	10,000 or more
3561	Pumps and compressors.....	257	37	85	135	14,179	97	909	13,173
3562	Ball and roller bearings.....	62	12	21	29	3,226	28	197	3,001
3564	Blowers and fans.....	57	25	18	14	1,293	56	182	1,055
3565	Industrial patterns.....	42	30	11	1	203	64	(D)	(D)
3566	Power transmission equipment.....	198	10	60	128	13,783	29	746	13,008
3567	Industrial furnaces and ovens.....	75	44	22	9	883	92	231	560
3569	General industry machinery, nec.....	185	47	83	55	4,109	128	886	3,095
357	Office machines, nec.....	144	34	45	65	7,467	78	418	6,971
3571	Computing and related machines.....	49	12	15	22	3,535	36	147	3,352
3572	Typewriters.....	9	...	3	6	1,256	...	22	1,234
3576	Scales and balances.....	35	13	11	11	769	28	103	638
3579	Office machines, nec.....	51	9	16	26	1,907	14	146	1,747
358	Service industry machines.....	288	103	105	80	14,155	(D)	(D)	12,888
3581	Automatic vending machines.....	27	9	11	7	385	18	106	261
3582	Commercial laundry equipment.....	40	12	16	12	905	24	156	725
3584	Vacuum cleaners, industrial.....	5	4	1	...	28	(D)	(D)	...
3585	Refrigeration machinery.....	110	37	39	34	10,761	93	358	10,310
3586	Measuring and dispensing pumps.....	20	5	4	11	804	12	46	746
3589	Service industry machines, nec.....	86	36	34	16	1,272	85	341	846
3599	Machine shops.....	2,480	599	1,388	493	64,218	1,747	13,132	49,339
36	Electrical machinery.....	1,802	589	641	572	47,873	1,385	6,448	40,040
361	Electric distribution products.....	259	87	91	81	6,230	209	970	5,051
3611	Electric measuring instruments.....	116	35	48	33	2,332	88	510	1,734
3612	Transformers.....	47	21	13	13	1,366	44	142	1,180
3613	Switchgear and switchboards.....	96	31	30	35	2,532	77	318	2,137
362	Electric industrial apparatus.....	320	79	102	139	13,573	163	1,093	12,317
3621	Motors and generators.....	158	22	45	91	10,510	57	528	9,925
3622	Industrial controls.....	46	11	17	18	1,414	18	170	1,226
3623	Welding apparatus.....	52	12	20	20	1,086	25	204	857
3629	Electric industrial goods, nec.....	64	34	20	10	563	63	191	309
363	Household appliances.....	171	49	66	56	5,130	(D)	(D)	2,500-4,999
3631	Household cooking equipment.....	23	8	11	4	252	16	118	118
3632	Household refrigerators.....	9	1	3	5	566	(D)	(D)	524
3633	Household laundry equipment.....	26	3	5	18	1,292	9	51	1,232
3634	Electric housewares and fans.....	38	18	9	11	1,237	40	86	1,111
3635	Household vacuum cleaners.....	6	...	2	4	160	...	(D)	(D)
3636	Sewing machines.....	33	7	18	8	1,148	21	178	949
3639	Household appliances, nec.....	36	12	18	6	475	25	152	298
364	Lighting and wiring devices.....	278	102	110	66	4,990	(D)	(D)	3,725
3641	Electric lamps.....	16	2	9	5	468	(D)	(D)	370
3642	Lighting fixtures.....	136	71	45	20	1,447	155	417	875
3643	Current carrying devices.....	72	20	30	22	1,603	53	285	1,265
3644	Noncurrent carrying devices.....	54	9	26	19	1,472	22	235	1,215
3651	Radios and TV receiving sets.....	64	17	26	21	1,243	42	252	949
366	Communication equipment.....	195	52	61	82	7,664	143	684	6,837
3661	Telephone; telegraph apparatus.....	27	8	5	14	1,425	27	54	1,344
3662	Radio, TV communication equipment.....	168	44	56	68	6,239	116	630	5,493

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
MACHINE SHOPS—Continued									
36	Electrical machinery—Continued								
367	Electronic components.....	389	155	139	95	6,465	(D)	1,380	2,500-4,999
3671	Electron tubes, receiving type.....	22	4	10	8	492	7	120	365
3672	Cathode ray picture tubes.....	6	2	3	1	89	(D)	37	(D)
3673	Electron tubes, transmitting.....	36	10	8	18	1,348	22	70	1,256
3679	Electronic components, nec.....	325	139	118	68	4,536	339	1,153	3,044
369	Electrical products, nec.....	126	48	46	32	2,578	109	(D)	1,000-2,499
3691	Storage batteries.....	12	9	1	2	101	19	(D)	(D)
3692	Primary batteries, dry and wet.....	14	5	7	2	132	9	(D)	(D)
3693	X-ray and therapeutic apparatus.....	29	12	11	6	442	33	113	296
3694	Engine electrical equipment.....	45	9	17	19	1,713	20	132	1,561
3699	Electrical products, nec.....	26	13	10	3	190	28	73	89
37	Transportation equipment.....	1,508	297	469	742	165,768	667	(D)	10,000 or more
371	Motor vehicles and equipment.....	475	96	138	241	69,236	222	1,387	67,627
3713	Truck and bus bodies.....	55	24	23	8	614	51	201	362
3715	Truck trailers.....	43	21	11	11	464	49	86	329
3717	Motor vehicles and parts.....	377	51	104	222	68,158	122	1,100	66,936
372	Aircraft and parts.....	642	42	195	405	83,845	(D)	(D)	81,631
3721	Aircraft.....	72	8	18	46	15,333	20	204	15,109
3722	Aircraft engines and parts.....	147	4	41	102	34,912	12	430	34,470
3723	Aircraft propellers and parts.....	11	1	4	6	2,687	(D)	(D)	2,648
3729	Aircraft equipment, nec.....	412	29	132	251	30,913	68	1,441	29,404
373	Ships and boats.....	284	121	101	62	7,636	257	910	6,469
3731	Ship building and repairing.....	170	45	68	57	6,840	108	644	6,088
3732	Boat building and repairing.....	114	76	33	5	796	149	266	381
374	Railroad equipment.....	46	7	11	28	4,177	(D)	(D)	4,024
3741	Locomotives and parts.....	12	1	2	9	2,057	(D)	(D)	2,035
3742	Railroad and street cars.....	34	6	9	19	2,120	19	112	1,989
3751	Motorcycles, bicycles, and parts.....	13	5	4	4	587	8	40	539
379	Transportation equipment, nec.....	48	26	20	2	287	(D)	(D)	50-99
3791	Trailer coaches.....	5	4	1	...	14	(D)	(D)	...
3799	Transportation equipment.....	43	22	19	2	273	47	(D)	(D)
38	Instruments and related products.....	366	82	127	157	14,930	191	1,380	13,359
3811	Scientific instruments.....	134	23	50	61	6,632	64	584	5,984
382	Mechanical measuring devices.....	196	45	63	88	7,683	101	642	6,940
3821	Mechanical measuring devices.....	163	38	58	67	6,192	87	591	5,514
3822	Automatic temperature controls.....	33	7	5	21	1,491	14	51	1,426
387	Watches and clocks.....	36	14	14	8	615	26	154	435
3871	Watches and clocks.....	26	7	11	8	568	16	117	435
3872	Watchcases.....	10	7	3	...	47	10	37	...
TOOL AND DIE SHOPS (OPERATED SEPARATELY FROM MACHINE SHOPS)									
	Major groups 33-38, total.....	7,224	2,875	2,748	1,601	161,082	6,505	26,740	127,837
33	Primary metal industries.....	232	72	85	75	5,539	(D)	892	2,500-4,999
3315	Steel wire drawing.....	33	20	12	1	206	41	(D)	(D)
335	Nonferrous rolling and drawing.....	105	34	41	30	2,304	(D)	(D)	1,834
3351	Copper rolling and drawing.....	33	7	13	13	883	17	151	715
3352	Aluminum rolling and drawing.....	38	11	15	12	981	28	134	819
3356	Rolling and drawing, nec.....	5	2	3	...	33	(D)	(D)	...
3357	Nonferrous wire drawing, etc.....	29	14	10	5	407	28	79	300
3391	Iron and steel forgings.....	94	18	32	44	3,029	51	353	2,625
34	Fabricated metal products.....	1,936	1,008	707	221	27,097	2,296	6,394	18,407
3411	Metal cans.....	11	4	6	1	143	8	(D)	(D)
342	Cutlery, hand tools, hardware.....	381	194	140	47	4,265	428	(D)	2,500-4,999
3421	Cutlery.....	30	16	12	2	168	27	(D)	(D)
3423	Edge tools.....	122	60	45	17	1,318	130	438	750
3425	Hand saws and saw blades.....	14	7	5	2	92	16	(D)	(D)
3429	Hardware, nec.....	215	111	78	26	2,687	255	739	1,693

See footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-19

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
TOOL AND DIE SHOPS (OPERATED SEPARATELY FROM MACHINE SHOPS)—Continued									
34	Fabricated metal products—Continued								
343	Plumbing and nonelectric heating.....	120	75	36	9	752	(D)	(D)	250-499
3431	Plumbing fixtures.....	5	2	3	...	27	(D)	(D)	...
3432	Plumbing fittings, brass goods.....	45	30	13	2	257	75	(D)	(D)
3433	Nonelectric heating equipment.....	70	43	20	7	468	86	187	195
344	Structural metal products.....	213	146	51	16	7,307	300	(D)	5,000-9,999
3441	Fabricated structural steel.....	32	23	7	2	218	43	(D)	(D)
3442	Metal doors, sash, and trim.....	73	43	23	7	6,496	99	182	6,215
3443	Boiler shop products.....	31	18	7	6	344	44	69	231
3444	Sheet metal work.....	77	62	14	1	249	114	(D)	(D)
345	Screw machine products and bolts.....	266	142	86	38	3,355	308	(D)	1,000-2,499
3451	Screw machine products.....	140	96	42	2	606	192	(D)	(D)
3452	Bolts, nuts, washers, and rivets.....	126	46	44	36	2,749	116	450	2,133
3461	Metal stampings.....	641	277	290	74	8,630	709	2,579	5,342
3481	Fabricated wire products, nec.....	148	101	40	7	729	220	352	157
349	Fabricated metal products, nec.....	156	69	58	29	1,916	(D)	(D)	1,231
3491	Metal barrels, drums, and pails.....	5	4	1	...	13	(D)	(D)	...
3493	Steel springs.....	8	6	2	...	39	(D)	(D)	...
3494	Valves and pipe fittings.....	143	59	55	29	1,864	139	494	1,231
35	Machinery, except electrical.....	3,100	1,071	1,261	768	58,561	2,425	12,686	43,450
351	Engines and turbines.....	59	10	20	29	2,091	(D)	(D)	1,863
3511	Steam engines and turbines.....	13	2	2	9	560	(D)	(D)	536
3519	Internal combustion engines.....	46	8	18	20	1,531	18	186	1,327
3522	Farm machinery and equipment.....	208	104	63	41	2,962	219	532	2,211
353	Construction and like equipment.....	257	115	102	40	3,996	(D)	1,008	2,500-4,999
3531	Construction machinery.....	106	39	47	20	2,104	89	469	1,546
3532	Mining machinery and equipment.....	14	2	7	5	297	(D)	(D)	234
3533	Oil field machinery and equipment.....	48	19	22	7	629	48	222	359
3534	Elevators and moving stairways.....	15	10	3	2	262	14	(D)	(D)
3535	Conveyors.....	24	15	7	2	161	27	(D)	(D)
3536	Hoists, cranes, and monorails.....	17	10	7	...	94	22	72	...
3537	Industrial trucks and tractors.....	33	20	9	4	449	41	90	318
354	Metalworking machinery.....	1,394	253	642	499	32,306	644	7,034	24,628
3541	Metal-cutting machine tools.....	71	20	28	23	1,375	54	299	1,022
3542	Metal-forming machine tools.....	53	18	19	16	967	36	162	769
3544	Special dies and tools.....	1,124	163	540	421	27,798	425	5,990	21,383
3545	Machine tool accessories.....	93	30	35	28	1,499	72	394	1,033
3548	Metalworking machinery, nec.....	53	22	20	11	667	57	189	421
355	Special industry machinery.....	282	150	105	27	2,476	321	(D)	1,000-2,499
3551	Food products machinery.....	53	36	16	1	214	73	(D)	(D)
3552	Textile machinery.....	59	30	23	6	708	72	229	407
3553	Woodworking machinery.....	29	14	10	5	334	24	87	223
3554	Paper industries machinery.....	19	12	5	2	151	33	(D)	(D)
3555	Printing trades machinery.....	33	13	16	4	346	29	151	166
3559	Special industry machinery, nec.....	89	45	35	9	723	90	294	339
356	General industrial machinery.....	296	127	119	50	4,309	286	(D)	2,500-4,999
3561	Pumps and compressors.....	108	53	41	14	971	124	384	463
3562	Ball and roller bearings.....	39	12	13	14	1,901	26	156	1,719
3564	Blowers and fans.....	22	12	7	3	179	26	61	92
3565	Industrial patterns.....	27	15	12	...	116	33	83	...
3566	Power transmission equipment.....	64	16	30	18	947	39	272	636
3569	General industry machinery, nec.....	36	19	16	1	195	38	(D)	(D)
357	Office machines, nec.....	99	26	41	32	3,878	(D)	(D)	3,400
3571	Computing and related machines.....	37	6	11	20	2,551	13	132	2,406
3572	Typewriters.....	11	2	2	7	778	(D)	(D)	747
3576	Scales and balances.....	18	8	10	...	105	16	89	...
3579	Office machines, nec.....	33	10	18	5	444	25	172	247
358	Service industry machines.....	159	80	61	18	1,000-2,499	(D)	(D)	500-999
3581	Automatic vending machines.....	19	5	11	3	192	10	98	84
3582	Commercial laundry equipment.....	17	9	7	1	95	19	(D)	(D)
3584	Vacuum cleaners, industrial.....	1	1	...	...	(D)	(D)	...	...
3585	Refrigeration machinery.....	84	44	29	11	1,122	117	272	733
3586	Measuring and dispensing pumps.....	11	1	7	3	176	(D)	(D)	98
3589	Service industry machines, nec.....	27	20	7	...	90	41	49	...
3599	Machine shops.....	346	206	108	32	4,866	433	936	3,497

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
TOOL AND DIE SHOPS (OPERATED SEPARATELY FROM MACHINE SHOPS)—Continued									
36	Electrical machinery.....	1,016	433	375	208	17,388	(D)	3,653	10,000 or more
361	Electric distribution products.....	159	63	70	26	2,053	136	678	1,239
3611	Electric measuring instruments.....	50	24	19	7	521	53	160	308
3612	Transformers.....	27	10	11	6	559	18	130	411
3613	Switchgear and switchboards.....	82	29	40	13	973	65	388	520
362	Electric industrial apparatus.....	181	66	74	41	3,292	151	717	2,424
3621	Motors and generators.....	125	38	59	28	2,371	97	553	1,721
3622	Industrial controls.....	28	15	7	6	558	31	90	437
3623	Welding apparatus.....	13	6	3	4	189	13	28	148
3629	Electric industrial goods, nec.....	15	7	5	3	174	10	46	118
363	Household appliances.....	112	38	35	39	3,426	(D)	(D)	2,904
3631	Household cooking equipment.....	20	8	6	6	290	17	55	218
3632	Household refrigerators.....	15	6	2	7	1,338	(D)	(D)	1,295
3633	Household laundry equipment.....	25	7	7	11	766	12	97	657
3634	Electric housewares and fans.....	33	11	13	9	606	29	179	398
3635	Household vacuum cleaners.....	6	1	1	4	236	(D)	(D)	(D)
3636	Sewing machines.....	13	5	6	2	190	14	(D)	(D)
364	Lighting and wiring devices.....	174	94	58	22	1,839	199	502	1,138
3642	Lighting fixtures.....	110	73	31	6	868	143	279	446
3643	Current carrying devices.....	64	21	27	16	971	56	223	692
3651	Radios and TV receiving sets.....	52	21	24	7	668	39	262	367
366	Communication equipment.....	103	41	32	30	2,477	103	314	2,060
3661	Telephone; telegraph apparatus.....	27	8	5	14	1,425	27	54	1,344
3662	Radio, TV communication equipment.....	76	33	27	16	1,052	76	260	716
367	Electronic components.....	172	86	57	29	1,878	(D)	(D)	1,000-2,499
3671	Electron tubes, receiving type.....	6	1	1	4	183	(D)	(D)	173
3673	Electron tubes, transmitting.....	16	4	8	4	273	7	76	190
3679	Electronic components, nec.....	150	81	48	21	1,422	190	419	813
369	Electrical products, nec.....	63	24	25	14	1,755	(D)	(D)	1,000-2,499
3691	Storage batteries.....	8	1	5	2	143	(D)	51	(D)
3693	X-ray and therapeutic apparatus.....	10	7	2	1	68	12	(D)	(D)
3694	Engine electrical equipment.....	45	16	18	11	1,544	40	176	1,328
37	Transportation equipment.....	745	213	244	288	49,532	470	2,329	46,733
371	Motor vehicles and equipment.....	348	88	106	154	25,709	(D)	(D)	10,000 or more
3713	Truck and bus bodies.....	21	10	9	2	128	21	(D)	(D)
3715	Truck trailers.....	7	2	4	1	79	(D)	40	(D)
3717	Motor vehicles and parts.....	320	76	93	151	25,502	165	933	24,404
372	Aircraft and parts.....	311	77	113	121	22,029	(D)	(D)	20,774
3721	Aircraft.....	46	10	10	26	11,128	28	96	11,004
3722	Aircraft engines and parts.....	80	14	30	36	4,519	31	259	4,229
3723	Aircraft propellers and parts.....	5	1	1	3	340	(D)	(D)	329
3729	Aircraft equipment, nec.....	180	52	72	56	6,042	127	703	5,212
373	Ships and boats.....	23	17	4	2	132	34	(D)	50-99
3731	Ship building and repairing.....	9	3	4	2	103	5	(D)	(D)
3732	Boat building and repairing.....	14	14	...	...	29	29	...	...
374	Railroad equipment.....	28	11	8	9	991	(D)	(D)	874
3741	Locomotives and parts.....	8	2	2	4	419	(D)	(D)	404
3742	Railroad and street cars.....	20	9	6	5	572	21	81	470
3751	Motorcycles, bicycles, and parts.....	13	7	4	2	587	8	40	539
379	Transportation equipment, nec.....	22	13	9	...	84	23	61	...
3791	Trailer coaches.....	3	...	3	...	15	...	15	...
3799	Transportation equipment.....	19	13	6	...	69	23	46	...
38	Instruments and related products.....	195	78	76	41	2,965	170	786	2,009
3811	Scientific instruments.....	54	22	19	13	969	43	178	748
382	Mechanical measuring devices.....	105	42	40	23	1,612	96	441	1,075
3821	Mechanical measuring devices.....	78	34	31	13	962	78	326	558
3822	Automatic temperature controls.....	27	8	9	10	650	18	115	517
387	Watches and clocks.....	36	14	17	5	384	31	167	186
3871	Watches and clocks.....	25	7	13	5	321	14	121	186
3872	Watchcases.....	11	7	4	...	63	17	46	...

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
		FOUNDRY PATTERN SHOP							
	Major groups 33-38, total.....	2,429	1,401	806	222	22,280	2,972	7,321	11,987
33	Primary metal industries.....	652	406	202	44	4,892	(D)	1,712	1,000-2,499
332	Iron and steel foundries.....	478	281	163	34	3,884	609	(D)	1,000-2,499
3321	Gray iron foundries.....	304	217	69	18	2,281	451	574	1,256
3322	Malleable iron foundries.....	50	22	27	1	334	55	(D)	(D)
3323	Steel foundries.....	124	42	67	15	1,269	103	567	599
336	Nonferrous foundries.....	174	125	39	10	1,008	(D)	(D)	250-499
3361	Aluminum castings.....	82	50	26	6	540	105	197	238
3362	Brass, bronze, copper castings.....	79	67	11	1	332	127	(D)	(D)
3369	Nonferrous castings, nec.....	13	8	2	3	136	(D)	(D)	95
34	Fabricated metal products.....	288	197	72	19	3,252	373	689	2,190
3429	Hardware, nec.....	36	30	6	...	101	52	49	...
343	Plumbing and nonelectric heating.....	57	37	17	3	341	(D)	(D)	50-99
3431	Plumbing fixtures.....	8	1	5	2	122	(D)	64	(D)
3432	Plumbing fittings, brass goods.....	28	21	7	...	109	42	67	...
3433	Nonelectric heating equipment.....	21	15	5	1	110	33	(D)	(D)
344	Structural metal products.....	74	55	13	6	1,709	103	(D)	1,000-2,499
3441	Fabricated structural steel.....	29	24	4	1	115	43	(D)	(D)
3442	Metal doors, sash, and trim.....	4	4	...	...	10	10	...	...
3443	Boiler shop products.....	18	7	7	4	1,488	14	73	1,401
3444	Sheet metal work.....	13	13	...	...	23	23	...	...
3449	Miscellaneous metal work, nec.....	10	7	2	1	73	13	(D)	(D)
3452	Bolts, nuts, washers, and rivets.....	4	3	1	...	11	(D)	(D)	...
3461	Metal stampings.....	24	19	4	1	162	34	(D)	100-249
3494	Valves and pipe fittings.....	93	53	31	9	928	102	300	526
35	Machinery, except electrical.....	1,262	682	465	115	10,124	1,496	4,270	4,358
351	Engines and turbines.....	26	16	4	6	245	31	(D)	100-249
3511	Steam engines and turbines.....	12	6	3	3	142	14	20	108
3519	Internal combustion engines.....	14	10	1	3	103	17	(D)	(D)
3522	Farm machinery and equipment.....	63	38	17	8	505	63	163	279
353	Construction and like equipment.....	75	47	20	8	500-999	(D)	(D)	500-999
3531	Construction machinery.....	33	21	7	5	655	49	61	545
3532	Mining machinery and equipment.....	16	8	6	2	114	16	(D)	(D)
3534	Elevators and moving stairways.....	4	4	...	...	(D)	(D)	...	...
3535	Conveyors.....	9	5	3	1	56	7	(D)	(D)
3536	Hoists, cranes, and monorails.....	10	6	4	...	45	13	32	...
3537	Industrial trucks and tractors.....	3	3	...	...	4	4	...	...
354	Metalworking machinery.....	190	90	80	20	1,669	216	(D)	500-999
3541	Metal-cutting machine tools.....	39	18	15	6	349	41	137	171
3542	Metal-forming machine tools.....	31	19	11	1	169	38	(D)	(D)
3544	Special dies and tools.....	93	38	46	9	874	99	405	370
3545	Machine tool accessories.....	9	4	4	1	57	9	(D)	(D)
3548	Metalworking machinery, nec.....	18	11	4	3	220	29	44	147
355	Special industry machinery.....	206	157	38	11	1,005	285	344	376
3551	Food products machinery.....	36	28	8	...	95	46	49	...
3552	Textile machinery.....	35	23	6	6	279	52	48	179
3553	Woodworking machinery.....	26	23	2	1	72	33	(D)	(D)
3554	Paper industries machinery.....	29	19	9	1	178	35	(D)	(D)
3555	Printing trades machinery.....	20	13	6	1	136	24	(D)	(D)
3559	Special industry machinery, nec.....	60	51	7	2	245	95	(D)	(D)
356	General industrial machinery.....	639	282	296	61	5,000-9,999	(D)	(D)	1,000-2,499
3561	Pumps and compressors.....	61	36	18	7	503	83	164	256
3562	Ball and roller bearings.....	2	2	...	...	(D)	(D)	...	...
3564	Blowers and fans.....	7	4	3	...	36	7	29	...
3565	Industrial patterns.....	524	208	263	53	4,871	558	2,442	1,871
3566	Power transmission equipment.....	31	20	10	1	169	41	(D)	(D)
3569	General industry machinery, nec.....	14	12	2	...	40	(D)	(D)	...
358	Service industry machines.....	18	16	2	...	53	(D)	(D)	...
3582	Commercial laundry equipment.....	4	3	1	...	14	(D)	(D)	...
3585	Refrigeration machinery.....	10	9	1	...	28	(D)	(D)	...
3589	Service industry machines, nec.....	4	4	...	...	11	11	...	...
3599	Machine shops.....	45	36	8	1	146	60	(D)	20-49

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

	Metalworking operations	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
FOUNDRY PATTERN SHOP--Continued									
36	Electrical machinery.....	63	35	24	4	250-499	(D)	251	100-249
361	Electric distribution products.....	12	5	6	1	100-249	(D)	53	20-49
3611	Electric measuring instruments.....	2	1	...	1	(D)	(D)	...	(D)
3613	Switchgear and switchboards.....	10	4	6	...	63	10	53	...
362	Electric industrial apparatus.....	24	14	9	1	100-249	(D)	(D)	20-49
3621	Motors and generators.....	21	11	9	1	147	19	(D)	(D)
3622	Industrial controls.....	3	3	...	...	(D)	(D)	...	...
363	Household appliances.....	15	11	3	1	75	(D)	(D)	20-49
3631	Household cooking equipment.....	8	6	1	1	37	(D)	(D)	(D)
3632	Household refrigerators.....	1	...	1	...	(D)	...	(D)	...
3633	Household laundry equipment.....	3	3	...	...	6	6	...	...
3635	Household vacuum cleaners.....	1	1	...	...	(D)	(D)	...	...
3636	Sewing machines.....	2	1	1	...	(D)	(D)	(D)	...
364	Lighting and wiring devices.....	12	5	6	1	112	(D)	57	20-49
3643	Current carrying devices.....	3	1	2	...	26	(D)	(D)	...
3644	Noncurrent carrying devices.....	9	4	4	1	86	11	(D)	(D)
37	Transportation equipment.....	144	66	38	40	2,500-4,999	(D)	(D)	2,996
371	Motor vehicles and equipment.....	46	18	13	15	1,000-2,499	(D)	(D)	1,000-2,499
3713	Truck and bus bodies.....	10	7	2	1	55	15	(D)	(D)
3715	Truck trailers.....	1	1	...	...	(D)	(D)	...	...
3717	Motor vehicles and parts.....	35	10	11	14	1,261	19	97	1,145
372	Aircraft and parts.....	67	28	17	22	1,940	64	(D)	1,000-2,499
3721	Aircraft.....	27	8	6	13	1,154	17	69	1,068
3722	Aircraft engines and parts.....	10	5	2	3	169	7	(D)	(D)
3729	Aircraft equipment, nec.....	30	15	9	6	617	40	72	505
3731	Ship building and repairing.....	28	19	6	3	205	29	54	122
3791	Trailer coaches.....	3	1	2	...	19	(D)	(D)	...
38	Instruments and related products.....	20	15	5	...	75	(D)	(D)	...
3811	Scientific instruments.....	5	3	2	...	17	(D)	(D)	...
382	Mechanical measuring devices.....	15	12	3	...	58	(D)	(D)	...
3821	Mechanical measuring devices.....	10	9	1	...	26	(D)	(D)	...
3822	Automatic temperature controls.....	5	3	2	...	32	(D)	(D)	...
PLATE OR STRUCTURAL FABRICATION									
	Major groups 33-38, total.....	4,835	1,264	1,762	1,809	218,530	3,100	17,581	197,849
33	Primary metal industries.....	9	2	2	5	484	(D)	(D)	250-499
3315	Steel wire drawing.....	1	1	...	...	(D)	(D)	...	...
335	Nonferrous rolling and drawing.....	8	1	2	5	250-499	(D)	(D)	250-499
3352	Aluminum rolling and drawing.....	4	1	1	2	284	(D)	(D)	(D)
3356	Rolling and drawing, nec.....	3	...	...	3	185	...	...	185
3357	Nonferrous wire drawing, etc.....	1	...	1	...	(D)	...	(D)	...
34	Fabricated metal products.....	1,864	291	733	840	86,768	766	7,781	78,221
3411	Metal cans.....	11	1	3	7	1,294	(D)	(D)	1,252
3429	Hardware, nec.....	32	19	9	4	231	45	72	114
343	Plumbing and nonelectric heating.....	65	20	30	15	1,249	43	(D)	500-999
3431	Plumbing fixtures.....	1	...	1	...	(D)	...	(D)	...
3432	Plumbing fittings, brass goods.....	3	...	1	2	(D)	...	(D)	(D)
3433	Nonelectric heating equipment.....	61	20	28	13	1,133	43	270	820
344	Structural metal products.....	1,617	209	632	776	80,727	589	6,791	73,347
3441	Fabricated structural steel.....	685	48	259	378	40,663	149	2,868	37,646
3442	Metal doors, sash, and trim.....	64	16	25	23	2,562	48	246	2,268
3443	Boiler shop products.....	402	21	139	242	25,504	58	1,625	23,821
3444	Sheet metal work.....	217	70	100	47	4,609	187	961	3,461
3449	Miscellaneous metal work, nec.....	249	54	109	86	7,389	147	1,091	6,151

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
PLATE OR STRUCTURAL FABRICATION--Continued									
34	Fabricated metal products--continued								
345	Screw machine products and bolts.....	9	7	2	...	41	(D)	(D)	
3451	Screw machine products.....	3	2	1	...	23	(D)	(D)	
3452	Bolts, nuts, washers, and rivets.....	6	5	1	...	18	(D)	(D)	
3461	Metal stampings.....	59	18	24	17	1,670	37	217	
3481	Fabricated wire products, nec.....	14	4	7	3	160	7	68	
349	Fabricated metal products, nec.....	57	13	26	18	1,396	26	(D)	
3491	Metal barrels, drums, and pails.....	11	...	5	6	434	...	59	
3492	Safes and vaults.....	8	3	4	1	85	8	(D)	
3494	Valves and pipe fittings.....	38	10	17	11	877	18	176	
35	Machinery, except electrical.....	2,147	762	775	610	49,368	1,826	7,298	
351	Engines and turbines.....	26	5	7	14	2,183	(D)	(D)	
3511	Steam engines and turbines.....	13	1	3	9	1,826	(D)	(D)	
3519	Internal combustion engines.....	13	4	4	5	357	12	36	
3522	Farm machinery and equipment.....	184	57	83	44	3,001	145	818	
353	Construction and like equipment.....	595	120	198	277	23,436	312	1,960	
3531	Construction machinery.....	201	22	51	128	12,788	56	525	
3532	Mining machinery and equipment.....	49	10	10	29	2,257	19	86	
3533	Oil field machines and equipment.....	73	24	24	25	1,609	63	270	
3534	Elevators and moving stairways.....	45	23	16	6	638	63	172	
3535	Conveyors.....	110	20	40	50	3,574	55	390	
3536	Holsts, cranes, and monorails.....	55	10	27	18	1,402	26	232	
3537	Industrial trucks and tractors.....	62	11	30	21	1,168	30	285	
354	Metalworking machinery.....	206	105	69	32	2,417	222	(D)	
3541	Metal-cutting machine tools.....	31	16	11	4	280	38	107	
3542	Metal-forming machine tools.....	38	15	14	9	598	32	126	
3544	Special dies and tools.....	81	56	22	3	406	113	179	
3545	Machine tool accessories.....	11	3	7	1	130	5	(D)	
3548	Metalworking machinery, nec.....	45	15	15	15	1,003	34	152	
355	Special industry machinery.....	429	148	159	122	8,728	353	(D)	
3551	Food products machinery.....	116	35	39	42	2,465	87	385	
3552	Textile machinery.....	41	16	17	8	474	38	158	
3553	Woodworking machinery.....	33	18	14	1	179	51	(D)	
3554	Paper industries machinery.....	35	18	10	7	709	43	91	
3555	Printing trades machinery.....	20	11	6	3	203	18	55	
3559	Special industry machinery, nec.....	184	50	73	61	4,698	116	726	
356	General industrial machinery.....	271	99	106	66	2,500-4,999	(D)	(D)	
3561	Pumps and compressors.....	73	29	23	21	1,514	61	221	
3562	Ball and roller bearings.....	2	1	...	1	(D)	(D)	(D)	
3564	Blowers and fans.....	43	13	17	13	1,053	33	173	
3565	Industrial patterns.....	3	3	...	...	9	9	...
3566	Power transmission equipment.....	15	6	6	3	282	18	49	
3567	Industrial furnaces and ovens.....	63	21	29	13	842	56	255	
3569	General industry machinery, nec.....	72	26	31	15	1,133	63	263	
357	Office machines, nec.....	25	11	5	9	250-499	(D)	(D)	
3571	Computing and related machines.....	5	1	1	3	142	(D)	(D)	
3572	Typewriters.....	2	...	...	2	(D)	...	(D)
3576	Scales and balances.....	17	10	4	3	188	23	48	
3579	Office machines, nec.....	1	...	...	1	(D)	...	(D)
358	Service industry machines.....	96	33	37	26	2,132	(D)	(D)	
3581	Automatic vending machines.....	4	1	1	2	61	(D)	(D)	
3582	Commercial laundry equipment.....	17	9	3	5	296	24	29	
3585	Refrigeration machinery.....	46	12	18	16	1,543	30	173	
3589	Service industry machines, nec.....	29	11	15	3	232	27	128	
3599	Machine shops.....	315	184	111	20	2,129	430	915	
36	Electrical machinery.....	292	111	85	96	15,850	(D)	832	
361	Electric distribution products.....	73	17	24	32	9,337	46	202	
3612	Transformers.....	32	8	7	17	8,285	21	63	
3613	Switchgear and switchboards.....	41	9	17	15	1,052	25	139	

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code		Industry group and industry	Distribution by number of production workers in the operation							
			Establishments				Employment in the specified operation			
			Total	Number of production workers			Total	Number of production workers		
				1-4	5-19	20 or more		1-4	5-19	20 or more
PLATE OR STRUCTURAL FABRICATION—Continued										
36	Electrical machinery—Continued									
362	Electric industrial apparatus.....	71	35	15	21	1,470	82	167	1,221	
3621	Motors and generators.....	34	16	6	12	977	39	71	867	
3622	Industrial controls.....	14	8	3	3	214	19	24	171	
3623	Welding apparatus.....	23	11	6	6	279	24	72	183	
363	Household appliances.....	17	8	2	7	691	20	13	658	
3631	Household cooking equipment.....	1	...	...	1	(D)	...	...	(D)
3633	Household laundry equipment.....	5	3	...	2	80	(D)	...	(D)	
3634	Electric housewares and fans.....	3	2	1	...	(D)	(D)	(D)	...	
3639	Household appliances, nec.....	8	3	1	4	422	(D)	(D)	406	
364	Lighting and wiring devices.....	45	18	19	8	500-999	38	189	500-999	
3642	Lighting fixtures.....	36	15	15	6	652	30	151	471	
3643	Current carrying devices.....	2	...	2	...	(D)	...	(D)	...	
3644	Noncurrent carrying devices.....	7	3	2	2	133	8	(D)	(D)	
3651	Radios and TV receiving sets.....	4	1	2	1	(D)	(D)	(D)	(D)	
366	Communication equipment.....	49	15	13	21	2,594	29	133	2,432	
3661	Telephone; telegraph apparatus.....	12	...	4	8	1,210	...	40	1,170	
3662	Radio, TV communication equipment.....	37	15	9	13	1,384	29	93	1,262	
3679	Electronic components, nec.....	29	15	8	6	500-999	(D)	95	765	
3693	X-ray and therapeutic apparatus.....	4	2	2	...	29	(D)	(D)	...	
37	Transportation equipment.....	523	98	167	258	66,060	(D)	(D)	64,171	
371	Motor vehicles and equipment.....	174	37	68	69	7,359	91	727	6,541	
3713	Truck and bus bodies.....	72	22	29	21	1,536	56	312	1,168	
3715	Truck trailers.....	51	7	15	29	1,840	20	161	1,659	
3717	Motor vehicles and parts.....	51	8	24	19	3,983	15	254	3,714	
372	Aircraft and parts.....	120	25	32	63	25,164	57	328	24,779	
3721	Aircraft.....	30	4	7	19	18,693	10	69	18,614	
3722	Aircraft engines and parts.....	22	8	5	9	926	18	55	853	
3729	Aircraft equipment, nec.....	68	13	20	35	5,545	29	204	5,312	
373	Ships and boats.....	178	30	59	89	26,331	79	519	25,733	
3731	Ship building and repairing.....	132	12	37	83	25,879	39	339	25,501	
3732	Boat building and repairing.....	46	18	22	6	452	40	180	232	
374	Railroad equipment.....	38	2	5	31	6,750	(D)	(D)	6,702	
3741	Locomotives and parts.....	7	1	2	4	2,211	(D)	(D)	2,188	
3742	Railroad and street cars.....	31	1	3	27	4,539	(D)	(D)	4,514	
3791	Trailer coaches.....	13	4	3	6	456	10	30	416	
STAMPING, BLANKING, AND FORMING										
	Major groups 33-38, total.....	8,285	2,765	2,987	2,533	272,449	6,272	29,220	236,957	
33	Primary metal industries.....	79	26	27	26	4,125	(D)	330	2,500-4,999	
3315	Steel wire drawing.....	21	10	4	7	569	18	60	491	
335	Nonferrous rolling and drawing.....	58	16	23	19	3,556	(D)	270	2,500-4,999	
3351	Copper rolling and drawing.....	12	1	7	4	494	(D)	(D)	404	
3352	Aluminum rolling and drawing.....	26	5	10	11	2,118	11	125	1,982	
3356	Rolling and drawing, nec.....	9	4	4	1	120	10	(D)	(D)	
3357	Nonferrous wire drawing, etc.....	11	6	2	3	824	(D)	(D)	797	
34	Fabricated metal products.....	3,553	915	1,419	1,219	119,426	2,221	14,123	103,082	
3411	Metal cans.....	122	6	25	91	12,994	17	293	12,684	
342	Cutlery, hand tools, hardware.....	557	201	222	134	16,179	459	2,000	13,720	
3421	Cutlery.....	60	27	25	8	666	64	219	383	
3423	Edge tools.....	149	65	61	23	1,583	135	484	964	
3425	Hand saws and saw blades.....	28	15	8	5	261	32	69	160	
3429	Hardware, nec.....	320	94	128	98	13,669	228	1,228	12,213	
343	Plumbing and nonelectric heating.....	211	46	74	91	6,519	117	785	5,617	
3431	Plumbing fixtures.....	17	...	5	12	903	...	56	847	
3432	Plumbing fittings, brass goods.....	27	13	10	4	367	33	108	226	
3433	Nonelectric heating equipment.....	167	33	59	75	5,249	84	621	4,544	

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
STAMPING, BLANKING AND FORMING--Continued									
34	Fabricated metal products--Continued								
344	Structural metal products.....	966	334	392	240	19,806	799	3,620	15,387
3441	Fabricated structural steel.....	122	58	43	21	1,571	144	391	1,036
3442	Metal doors, sash, and trim.....	179	44	75	60	4,970	107	672	4,191
3443	Boiler shop products.....	146	70	53	23	3,043	170	457	2,416
3444	Sheet metal work.....	379	104	179	96	6,515	258	1,699	4,558
3449	Miscellaneous metal work, nec.....	140	58	42	40	3,707	120	401	3,186
345	Screw machine products and bolts.....	173	68	51	54	5,204	147	511	4,546
3451	Screw machine products.....	56	36	16	4	308	66	146	96
3452	Bolts, nuts, washers, and rivets.....	117	32	35	50	4,896	81	365	4,450
3461	Metal stampings ⁶	1,086	103	494	489	49,947	308	5,242	44,397
3481	Fabricated wire products, nec.....	250	98	96	56	3,876	231	914	2,731
349	Fabricated metal products, nec.....	188	59	65	64	4,901	143	758	4,000
3491	Metal barrels, drums, and pails.....	71	10	22	39	2,497	34	202	2,261
3492	Safes and vaults.....	9	5	1	3	156	(D)	(D)	135
3493	Steel springs.....	26	5	12	9	576	11	115	450
3494	Valves and pipe fittings.....	60	32	19	9	807	61	186	560
3496	Collapsible tubes.....	16	5	7	4	671	13	64	594
3497	Metal foil and leaf.....	6	2	4	...	194	(D)	(D)	...
35	Machinery, except electrical.....	2,241	1,074	748	419	34,685	2,301	6,888	25,496
3519	Internal combustion engines.....	18	8	3	7	461	20	17	424
3522	Farm machinery and equipment.....	363	131	136	96	6,782	323	1,332	5,127
353	Construction and like equipment.....	249	127	80	42	3,991	299	748	2,944
3531	Construction machinery.....	94	44	28	22	2,007	107	280	1,620
3532	Mining machinery and equipment.....	11	8	2	1	66	18	(D)	(D)
3533	Oil field machines and equipment.....	18	8	8	2	145	2	(D)	(D)
3534	Elevators and moving stairways.....	18	9	8	1	291	21	(D)	(D)
3535	Conveyors.....	51	24	16	11	675	57	163	455
3536	Hoists, cranes, and monorails.....	13	9	4	...	46	19	27	...
3537	Industrial trucks and tractors.....	44	25	14	5	761	56	111	594
354	Metalworking machinery.....	369	235	101	33	2,970	462	849	1,659
3541	Metal-cutting machine tools.....	23	12	9	2	146	34	(D)	(D)
3542	Metal-forming machine tools.....	16	10	4	2	102	17	(D)	(D)
3544	Special dies and tools.....	265	175	70	20	1,948	344	579	1,025
3545	Machine tool accessories.....	31	14	11	6	540	19	109	412
3548	Metalworking machinery, nec.....	34	24	7	3	234	48	66	120
355	Special industry machinery.....	271	153	91	27	2,163	343	792	1,028
3551	Food products machinery.....	82	48	30	4	462	101	252	109
3552	Textile machinery.....	77	39	25	13	839	97	222	520
3553	Woodworking machinery.....	18	10	6	2	149	17	(D)	(D)
3555	Printing trades machinery.....	21	15	5	1	94	35	(D)	(D)
3559	Special industry machinery, nec.....	73	41	25	7	619	93	215	311
356	General industrial machinery.....	302	134	108	60	4,492	276	1,042	3,174
3561	Pumps and compressors.....	53	34	17	2	291	68	(D)	(D)
3562	Ball and roller bearings.....	44	7	20	17	1,201	16	201	984
3564	Blowers and fans.....	56	15	26	15	828	37	289	502
3565	Industrial patterns.....	8	6	1	1	131	10	(D)	(D)
3566	Power transmission equipment.....	43	14	11	18	1,198	30	93	1,075
3567	Industrial furnaces and ovens.....	45	23	19	3	438	41	165	232
3569	General industry machinery, nec.....	53	35	14	4	405	74	140	191
357	Office machines, nec.....	106	35	35	36	3,094	(D)	(D)	2,630
3571	Computing and related machines.....	33	9	11	13	1,039	19	132	888
3572	Typewriters.....	12	2	2	8	1,033	(D)	(D)	1,006
3576	Scales and balances.....	19	10	5	4	277	19	46	212
3579	Office machines, nec.....	42	14	17	11	745	32	189	524
358	Service industry machines.....	286	81	108	97	6,548	(D)	(D)	5,337
3581	Automatic vending machines.....	29	6	7	16	889	12	79	798
3582	Commercial laundry equipment.....	28	15	8	5	258	32	65	161
3584	Vacuum cleaners, industrial.....	3	2	1	...	9	(D)	(D)	...
3585	Refrigeration machinery.....	154	30	63	61	4,517	74	616	3,827
3586	Measuring and dispensing pumps.....	14	4	6	4	251	12	58	181
3589	Service industry machines, nec.....	58	24	23	11	624	58	196	370
3599	Machine shops.....	277	170	86	21	4,184	314	697	3,173

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
STAMPING, BLANKING AND FORMING—Continued									
36	Electrical machinery.....	1,576	538	547	491	38,781	1,198	5,435	32,148
361	Electric distribution products.....	256	95	91	70	5,230	232	894	4,104
3611	Electric measuring instruments.....	67	28	26	13	830	64	249	517
3612	Transformers.....	49	15	22	12	944	35	216	693
3613	Switchgear and switchboards.....	140	52	43	45	3,456	133	429	2,894
362	Electric industrial apparatus.....	222	86	80	56	3,652	186	(D)	2,500-4,999
3621	Motors and generators.....	130	38	54	38	2,459	99	535	1,825
3622	Industrial controls.....	43	21	12	10	778	38	100	640
3623	Welding apparatus.....	16	10	2	4	176	16	(D)	(D)
3629	Electric industrial goods, nec.....	33	17	12	4	239	33	105	101
363	Household appliances.....	224	47	62	115	11,374	100	665	10,609
3631	Household cooking equipment.....	44	4	9	31	2,663	11	108	2,544
3632	Household refrigerators.....	23	...	2	21	3,303	...	(D)	(D)
3633	Household laundry equipment.....	26	2	6	18	2,232	(D)	(D)	2,164
3634	Electric housewares and fans.....	57	17	17	23	1,352	37	200	1,115
3635	Household vacuum cleaners.....	8	2	1	5	300	(D)	(D)	287
3636	Sewing machines.....	14	11	1	2	362	18	(D)	(D)
3639	Household appliances, nec.....	52	11	26	15	1,162	23	250	889
364	Lighting and wiring devices.....	359	109	140	110	5,000-9,999	(D)	1,338	5,991
3641	Electric lamps.....	2	2	...	...	(D)	(D)	...	...
3642	Lighting fixtures.....	218	70	87	61	3,833	159	802	2,872
3643	Current carrying devices.....	77	27	30	20	2,106	60	352	1,694
3644	Noncurrent carrying devices.....	62	10	23	29	1,630	21	184	1,425
365	Radio, TV, receiving equipment.....	53	12	21	20	1,242	35	219	988
3651	Radios and TV receiving sets.....	53	12	21	20	1,242	35	219	988
366	Communication equipment.....	128	46	41	41	3,650	95	466	3,089
3661	Telephone; telegraph apparatus.....	36	7	13	16	1,899	13	156	1,730
3662	Radio, TV communication equipment.....	92	39	28	25	1,751	82	310	1,359
367	Electronic components.....	234	110	71	53	2,500-4,999	(D)	687	2,500-4,999
3671	Electron tubes, receiving type.....	5	1	3	1	206	(D)	35	(D)
3672	Cathode ray picture tubes.....	1	...	...	1	(D)	...	...	(D)
3673	Electron tubes, transmitting.....	18	8	6	4	177	15	62	100
3679	Electronic components, nec.....	210	101	62	47	3,394	222	590	2,582
369	Electrical products, nec.....	100	33	41	26	2,249	68	(D)	1,000-2,499
3692	Primary batteries, dry and wet.....	15	9	4	2	111	16	(D)	(D)
3693	X-ray and therapeutic apparatus.....	16	6	7	3	163	10	52	101
3694	Engine electrical equipment.....	46	12	17	17	1,534	29	165	1,340
3699	Electrical products, nec.....	23	6	13	4	441	13	143	285
37	Transportation equipment.....	836	212	246	378	75,432	(D)	2,444	over 10,000
371	Motor vehicles and equipment.....	452	95	111	246	56,923	233	1,157	55,533
3713	Truck and bus bodies.....	76	28	25	23	1,470	64	219	1,187
3715	Truck trailers.....	41	14	17	10	973	31	179	763
3717	Motor vehicles and parts.....	335	53	69	213	54,480	138	759	53,583
372	Aircraft and parts.....	234	74	75	85	15,502	170	717	14,615
3721	Aircraft.....	44	9	6	29	8,083	21	53	8,009
3722	Aircraft engines and parts.....	56	18	18	20	2,344	39	165	2,140
3729	Aircraft equipment, nec.....	134	47	51	36	5,075	110	499	4,466
373	Ships and boats.....	38	11	20	7	647	26	(D)	250-499
3731	Ship building and repairing.....	17	4	8	5	457	8	73	376
3732	Boat building and repairing.....	21	7	12	2	190	18	(D)	(D)
374	Railroad equipment.....	33	6	8	19	1,184	(D)	(D)	1,062
3741	Locomotives and parts.....	6	2	1	3	305	(D)	(D)	295
3742	Railroad and street cars.....	27	4	7	16	879	11	101	767
3751	Motorcycles, bicycles, and parts.....	20	2	5	13	661	(D)	(D)	624
379	Transportation equipment, nec.....	59	24	27	8	515	50	254	211
3791	Trailer coaches.....	17	10	7	...	91	23	68	...
3799	Transportation equipment.....	42	14	20	8	424	27	186	211
38	Instruments and related products.....	232	106	90	36	2,640	238	787	1,615
3811	Scientific instruments.....	58	34	19	5	397	70	154	173
382	Mechanical measuring devices.....	118	55	45	18	1,381	133	410	838
3821	Mechanical measuring devices.....	91	45	38	8	779	107	337	335
3822	Automatic temperature controls.....	27	10	7	10	602	26	73	503
387	Watches and clocks.....	56	17	26	13	862	35	223	604
3871	Watches and clocks.....	35	11	14	10	666	23	119	524
3872	Watchcases.....	21	6	12	3	196	12	104	80

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Industry group and industry	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
PAINTING, LACQUERING, AND ENAMELING									
	Major groups 33-38, total.....	9,181	6,410	2,003	768	102,954	11,921	17,611	73,422
33	Primary metal industries.....	49	27	13	9	569	45	(D)	250-499
3315	Steel wire drawing.....	17	13	3	1	69	21	(D)	(D)
3357	Nonferrous wire drawing.....	32	14	10	8	500	24	101	375
34	Fabricated metal products.....	2,867	2,027	617	223	25,379	3,848	5,356	16,175
3411	Metal cans.....	89	11	37	41	3,082	30	367	2,685
342	Cutlery, hand tools, hardware.....	446	325	101	20	2,727	583	(D)	1,000-2,499
3421	Cutlery.....	29	24	4	1	114	38	(D)	(D)
3423	Edge tools.....	155	133	18	4	490	236	146	108
3425	Hand saws and saw blades.....	13	9	4	...	51	20	31	...
3429	Hardware, nec.....	249	159	75	15	2,072	289	610	1,173
343	Plumbing and nonelectric heating.....	245	146	67	32	3,126	260	(D)	1,000-2,499
3431	Plumbing fixtures.....	25	6	5	14	1,454	16	40	1,398
3432	Plumbing fittings, brass goods.....	11	8	2	1	75	12	(D)	(D)
3433	Nonelectric heating equipment.....	209	132	60	17	1,597	232	541	824
344	Structural metal products.....	1,205	939	224	42	9,151	1,779	1,842	5,530
3441	Fabricated structural steel.....	365	278	69	18	1,748	542	553	653
3442	Metal doors, sash, and trim.....	128	94	27	7	4,587	197	221	4,169
3443	Boiler shop products.....	209	174	30	5	791	322	274	195
3444	Sheet metal work.....	260	207	48	5	899	371	394	134
3449	Miscellaneous metal work, nec.....	243	186	50	7	1,126	347	400	379
3452	Bolts, nuts, washers, and rivets.....	26	22	4	...	92	48	44	...
3461	Metal stampings.....	370	205	108	57	4,221	439	1,013	2,769
3481	Fabricated wire products, nec.....	218	179	30	9	1,281	353	256	672
349	Fabricated metal products, nec.....	268	200	46	22	1,699	356	(D)	500-999
3491	Metal barrels, drums, and pails.....	76	42	26	8	597	90	257	250
3492	Safes and vaults.....	11	8	...	3	94	9	...	85
3493	Steel springs.....	23	21	2	...	50	(D)	(D)	...
3494	Valves and pipe fittings.....	137	125	11	1	319	207	(D)	(D)
3496	Collapsible tubes.....	15	...	5	10	618	...	58	560
3497	Metal foil and leaf.....	6	4	2	...	21	(D)	(D)	...
35	Machinery, except electrical.....	3,135	2,477	516	142	18,905	4,285	4,359	10,261
351	Engines and turbines.....	52	27	19	6	687	54	166	467
3519	Internal combustion engines.....	52	27	19	6	687	54	166	467
3522	Farm machinery and equipment.....	441	326	81	34	2,590	612	638	1,340
353	Construction and like equipment.....	584	474	91	19	3,115	892	779	1,444
3531	Construction machinery.....	205	143	49	13	1,291	293	451	547
3532	Mining machinery and equipment.....	38	33	5	...	96	57	39	...
3533	Oil field machines and equipment.....	84	74	8	2	246	132	(D)	(D)
3534	Elevators and moving stairways.....	40	33	6	1	303	54	(D)	(D)
3535	Conveyors.....	87	77	10	...	221	143	78	...
3536	Hoists, cranes, and monorails.....	55	49	6	...	139	91	48	...
3537	Industrial trucks and tractors.....	75	65	7	3	819	122	51	646
354	Metalworking machinery.....	358	287	63	8	1,233	463	(D)	250-499
3541	Metal-cutting machine tools.....	124	80	40	4	597	144	351	102
3542	Metal-forming machine tools.....	54	47	7	...	120	71	49	...
3544	Special dies and tools.....	72	65	4	3	253	93	35	125
3545	Machine tool accessories.....	46	40	5	1	131	62	(D)	(D)
3548	Metalworking machinery, nec.....	62	55	7	...	132	93	39	...
355	Special industry machinery.....	543	443	92	8	5,156	705	(D)	2,500-4,999
3551	Food products machinery.....	133	119	14	...	297	193	104	...
3552	Textile machinery.....	93	74	16	3	345	125	151	69
3553	Woodworking machinery.....	57	49	7	1	163	79	(D)	(D)
3554	Paper industries machinery.....	45	36	9	...	126	60	66	...
3555	Printing trades machinery.....	54	35	19	...	197	54	143	...
3559	Special industry machinery, nec.....	161	130	27	4	4,028	194	250	3,584
356	General industrial machinery.....	498	439	50	9	2,051	744	401	906
3561	Pumps and compressors.....	165	139	21	5	539	256	158	125
3562	Ball and roller bearings.....	6	6	...	...	12	12	...	...
3564	Blowers and fans.....	74	60	13	1	239	102	(D)	(D)
3565	Industrial patterns.....	42	38	3	1	107	58	(D)	(D)
3566	Power transmission equipment.....	50	44	4	2	837	72	(D)	(D)
3567	Industrial furnaces and ovens.....	60	57	3	...	105	87	18	...
3569	General industry machinery, nec.....	101	95	6	...	212	157	55	...

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

Code	Metalworking operations	Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
		PAINTING, LACQUERING, AND ENAMELING							
35	Machinery, except electrical—Continued								
357	Office machines, nec.....	113	61	35	17	1,228	118	(D)	500-999
3571	Computing and related machines.....	33	13	13	7	520	29	140	351
3572	Typewriters.....	9	...	4	5	332	...	28	304
3576	Scales and balances.....	35	24	10	1	130	40	(D)	(D)
3579	Office machines, nec.....	36	24	8	4	246	49	85	112
358	Service industry machines.....	335	219	76	40	2,469	419	669	1,351
3581	Automatic vending machines.....	36	8	13	15	263	17	99	147
3582	Commercial laundry equipment.....	38	28	9	1	162	42	(D)	(D)
3584	Vacuum cleaners, industrial.....	4	3	1	...	18	(D)	(D)	...
3585	Refrigeration machinery.....	172	110	39	23	1,767	243	386	1,138
3586	Measuring and dispensing pumps.....	17	8	8	1	109	17	(D)	(D)
3589	Service industry machines, nec.....	68	62	6	...	150	93	57	...
3599	Machine shops.....	211	201	9	1	376	278	(D)	20-49
36	Electrical machinery.....	1,635	1,028	430	177	22,180	(D)	(D)	16,331
361	Electric distribution products.....	263	187	63	13	5,470	379	595	4,496
3611	Electric measuring instruments.....	67	51	13	3	310	105	128	77
3612	Transformers.....	65	42	18	5	4,581	93	176	4,312
3613	Switchgear and switchboards.....	131	94	32	5	579	181	291	107
362	Electric industrial apparatus.....	263	187	67	9	1,162	351	563	248
3621	Motors and generators.....	143	90	49	4	724	202	412	110
3622	Industrial controls.....	52	41	8	3	209	61	70	78
3623	Welding apparatus.....	31	28	2	1	102	46	(D)	(D)
3629	Electric industrial goods, nec.....	37	28	8	1	127	42	(D)	(D)
363	Household appliances.....	214	85	57	72	6,827	(D)	(D)	6,132
3631	Household cooking equipment.....	42	11	7	24	1,883	19	75	1,789
3632	Household refrigerators.....	24	1	8	15	1,821	(D)	(D)	1,755
3633	Household laundry equipment.....	27	9	2	16	1,998	(D)	(D)	1,958
3634	Electric housewares and fans.....	44	19	19	6	396	36	194	166
3635	Household vacuum cleaners.....	7	3	2	2	72	4	(D)	(D)
3636	Sewing machines.....	12	9	1	2	137	14	(D)	(D)
3639	Household appliances, nec.....	58	33	18	7	520	72	147	301
364	Lighting and wiring devices.....	380	230	120	30	4,485	484	1,049	2,952
3641	Electric lamps.....	7	3	3	1	95	7	(D)	(D)
3642	Lighting fixtures.....	311	182	105	24	3,997	394	920	2,683
3643	Current carrying devices.....	30	23	5	2	148	35	(D)	(D)
3644	Noncurrent carrying devices.....	32	22	7	3	245	48	60	138
3651	Radios and TV receiving sets.....	50	20	22	8	656	48	203	405
366	Communication equipment.....	138	88	31	19	1,339	168	290	881
3661	Telephone; telegraph apparatus.....	29	15	6	8	545	31	78	436
3662	Radio, TV communication equipment.....	109	73	25	11	794	137	212	445
367	Electronic components.....	215	155	39	21	1,676	(D)	(D)	1,049
3671	Electron tubes, receiving type.....	4	1	1	2	52	(D)	(D)	(D)
3672	Cathode ray picture tubes.....	11	7	2	2	193	9	(D)	(D)
3673	Electron tubes, transmitting.....	15	11	3	1	77	17	(D)	(D)
3679	Electronic components, nec.....	185	136	33	16	1,354	255	287	812
369	Electrical products, nec.....	112	76	31	5	565	152	245	168
3691	Storage batteries.....	57	42	14	1	212	92	(D)	(D)
3693	X-ray and therapeutic apparatus.....	14	10	1	3	102	23	(D)	(D)
3694	Engine electrical equipment.....	26	19	6	1	154	30	(D)	(D)
3699	Electrical products, nec.....	15	5	10	...	97	7	90	...
37	Transportation equipment.....	1,287	702	375	210	34,945	(D)	(D)	30,044
371	Motor vehicles and equipment.....	521	271	149	101	14,351	567	1,336	12,448
3713	Truck and bus bodies.....	118	72	36	10	732	155	278	299
3715	Truck trailers.....	67	38	24	5	487	85	187	215
3717	Motor vehicles and parts.....	336	161	89	86	13,132	327	871	11,934
372	Aircraft and parts.....	252	150	61	41	5,007	(D)	(D)	4,146
3721	Aircraft.....	47	16	11	20	2,938	28	127	2,783
3722	Aircraft engines and parts.....	44	27	13	4	393	51	120	222
3723	Aircraft propellers and parts.....	4	3	1	...	27	(D)	(D)	...
3729	Aircraft equipment, nec.....	157	104	36	17	1,649	203	305	1,141

See footnotes at end of table.

Table 1.—Selected Metalworking Operations by Industry: 1958—Continued

CodeMetalworking operations		Distribution by number of production workers in the operation							
		Establishments				Employment in the specified operation			
		Total	Number of production workers			Total	Number of production workers		
			1-4	5-19	20 or more		1-4	5-19	20 or more
		PAINTING, LACQUERING, AND ENAMELING							
37	Transportation equipment—Continued								
373	Ships and boats.....	305	165	99	41	13,579	354	958	12,267
3731	Ship building and repairing.....	129	38	58	33	7,021	96	610	6,315
3732	Boat building and repairing.....	176	127	41	8	6,558	258	348	5,952
374	Railroad equipment.....	44	20	9	15	791	40	(D)	500-999
3741	Locomotives and parts.....	9	5	1	3	148	9	(D)	(D)
3742	Railroad and street cars.....	35	15	8	12	643	31	90	522
3751	Motorcycles, bicycles, and parts.....	21	10	4	7	447	26	43	378
379	Transportation equipment, nec.....	144	86	53	5	770	167	452	151
3791	Trailer coaches.....	88	36	47	5	636	78	407	151
3799	Transportation equipment.....	56	50	6	...	134	89	45	...
38	Instruments and related products.....	208	149	52	7	976	272	491	213
3811	Scientific instruments.....	81	60	17	4	388	116	152	120
382	Mechanical measuring devices.....	127	89	35	3	588	156	339	93
3821	Mechanical measuring devices.....	112	84	25	3	473	146	234	93
3822	Automatic temperature controls.....	15	5	10	...	115	10	105	...

D Withheld to avoid disclosing figures of individual companies.

¹Excludes data for establishments which are primarily engaged in the manufacture and sale of rough castings, including die castings. In 1958, the number of establishments classified in each of the commercial foundry industries was as follows: Industry 3321, Gray Iron Foundries, 1310; Industry 3322, Malleable Iron Foundries, 82; Industry 3323, Steel Foundries, 256; Industry 3361, Aluminum Castings, 955; Industry 3362, Brass, Bronze, Copper Castings, 665; and Industry 3369, Nonferrous Castings, N.E.C., 345. See appropriate industry reports in 1958 Census of Manufactures Volume II, "Industry Statistics," for detailed statistics for these industries and those listed in footnotes 2, 3, and 4.

²Excludes data for establishments which are primarily engaged in the manufacture and sale of unmachined forgings. In 1958 the number of establishments classified as commercial forge shops was as follows: Industry 3391, Iron and Steel Forgings, 301; and Industry 3392, Nonferrous Forgings, 29. Also excluded from these statistics are data on forging operations used in the manufacture of bolts, nuts and other related products.

³Excludes data for the 2,646 establishments classified in Industry 3471, Plating and Polishing. These establishments usually are engaged in work on materials owned by others and generally perform electroplating operations.

⁴Excludes data for the 199 establishments out of the 1,003 establishments classified in Industry 3479, Metal Coating, Engraving, etc., which are primarily engaged in galvanizing and other hot dip coating, usually on materials owned by others.

⁵Since Industry 3451 is composed of establishments primarily engaged in producing screw machine products, all establishments classified in the industry should have reported automatic screw machine department operations. However, only 766 of the 1,792 establishments classified in the industry reported such operations; 140 establishments reported no metalworking operations; and the remainder of the establishments in the industry, consisting mainly of small plants with fewer than 10 employees, reported on "short-form" schedules which did not include a metalworking operations inquiry.

⁶Since Industry 3461 is composed of establishments primarily engaged in producing metal stampings, all establishments classified in the industry should have reported stamping, blanking, and forming operations. However, only 1,086 of the 2,456 establishments classified in the industry reported such operations; 310 establishments reported no metalworking operations; and the remainder, consisting mainly of small plants with fewer than 10 employees, reported on "short-form" schedules which did not include a metalworking operations inquiry.

MANUFACTURES—SUMMARY STATISTICS

Table 1A.—Coverage of Selected Metalworking Operations, by Industry: 1958

Code	Estab- lish- ments, number	Number of estab- lishments reporting on the metalworking operations inquiry ¹	Number of pro- duction workers in establish- ments reporting on the metal- working opera- tions inquiry as percent of total employ- ment for the industry	Code	Estab- lish- ments, number	Number of estab- lishments reporting on the metalworking operations inquiry ¹	Number of pro- duction workers in establish- ments reporting on the metal- working opera- tions inquiry as percent of total employ- ment for the industry	Code	Estab- lish- ments, number	Number of estab- lishments reporting on the metalworking operations inquiry ¹	Number of pro- duction workers in establish- ments reporting on the metal- working opera- tions inquiry as percent of total employ- ment for the industry
Total	70,571	59,783	90-95	3519	112	105	over 95	3632	26	24	over 95
33	4,795	3,328	80-85	3522	1,469	1,270	over 95	3633	39	38	over 95
3315	170	140	*85-90	353	2,048	1,849	90-95	3634	311	288	over 95
332	1,648	1,108	70-75	3531	579	529	90-95	3635	27	21	over 95
3321	1,310	852	*70-75	3532	173	154	85-90	3636	85	73	over 95
3322	82	59	80-85	3533	389	359	90-95	3639	94	55	80-85
3323	256	197	80-85	3534	144	124	85-90	364	1,819	1,546	85-90
335	711	495	85-90	3535	420	376	90-95	3641	66	44	*75-80
3351	105	77	90-95	3536	81	73	85-90	3642	1,181	965	*80-85
3352	185	136	85-90	3537	262	234	90-95	3643	422	394	90-95
3356	143	94	80-85	354	7,930	6,337	90-95	3644	150	143	*over 95
3357	278	188	80-85	3541	627	580	over 95	3651	234	216	over 95
336	1,965	1,351	70-75	3542	291	271	90-95	366	607	556	over 95
3361	955	687	75-80	3544	5,745	4,348	90-95	3661	95	90	over 95
3362	665	427	70-75	3545	905	806	85-90	3662	512	466	90-95
3369	345	237	75-80	3548	362	332	*90-95	367	1,687	1,475	over 95
3391	301	234	90-95	355	3,174	2,778	90-95	3671	85	80	*90-95
34	19,873	15,946	85-90	3551	672	590	85-90	3672	75	60	90-95
3411	222	186	90-95	3552	553	483	90-95	3673	48	43	over 95
342	2,094	1,923	90-95	3553	257	226	90-95	3679	1,479	1,292	*90-95
3421	183	161	over 95	3554	202	190	over 95	369	869	676	85-90
3423	763	760	over 95	3555	442	362	*85-90	3691	276	216	80-85
3425	89	74	85-90	3559	1,048	927	85-90	3692	42	33	90-95
3429	1,059	928	85-90	356	3,325	3,006	90-95	3693	126	109	90-95
343	989	504	85-90	3561	582	517	90-95	3694	166	132	90-95
3431	63	55	over 95	3562	107	97	over 95	3699	259	186	75-80
3432	254	223	90-95	3564	207	174	90-95	37	6,607	5,492	90-95
3433	672	226	80-85	3565	1,174	1,043	85-90	371	2,283	1,959	90-95
344	9,409	7,104	80-85	3566	470	425	90-95	3713	562	484	85-90
3441	1,861	1,445	80-85	3567	201	167	*75-80	3715	170	145	85-90
3442	1,546	1,129	75-80	3569	584	583	over 95	3717	1,551	1,330	90-95
3443	1,252	1,094	85-90	357	346	290	over 95	372	1,569	1,376	over 95
3444	3,159	2,231	*70-75	3571	136	111	*90-95	3721	127	114	*over 95
3449	1,591	1,205	75-80	3572	18	16	over 95	3722	223	187	90-95
345	2,317	2,113	90-95	3576	72	65	75-80	3723	18	15	*over 95
3451	1,792	1,655	90-95	3579	120	98	90-95	3729	1,201	1,060	*90-95
3452	525	458	90-95	358	1,256	1,040	90-95	373	1,970	1,511	90-95
3461	2,456	2,148	90-95	3581	121	95	85-90	3731	319	227	90-95
3481	1,463	1,148	80-85	3582	119	108	over 95	3732	1,651	1,284	75-80
349	923	820	90-95	3584	18	15	*75-80	374	92	85	over 95
3491	125	111	90-95	3585	625	558	90-95	3741	25	23	over 95
3492	33	31	75-80	3586	32	28	over 95	3742	67	62	*90-95
3493	90	77	*70-75	3589	341	236	*65-70	3751	51	47	over 95
3494	588	535	over 95	3599	10,151	10,150	over 95	379	642	514	75-80
3496	22	18	90-95	36	7,951	6,793	90-95	3791	386	297	75-80
3497	65	48	80-85	361	1,069	925	90-95	3799	256	217	75-80
35	29,839	26,850	90-95	3611	492	429	90-95	38	1,506	1,374	90-95
351	140	130	over 95	3612	175	151	*90-95	3811	567	527	over 95
3511	28	25	over 95	3613	402	345	over 95	382	710	626	90-95
				362	1,015	845	90-95	3821	627	551	90-95
				3621	378	340	*over 95	3822	83	75	85-90
				3622	216	184	90-95	387	229	221	over 95
				3623	135	95	75-80	3871	168	167	over 95
				3629	286	226	75-80	3872	61	54	*80-85
				363	651	554	90-95				
				3631	69	55	*65-70				

*Revised.

¹Includes establishments that reported one or more operation or "None" in answer to the metalworking operations inquiry.

Table 2.—Selected Metalworking Operations by Divisions and States: 1958

Division and State	Distribution by number of production workers in the operation								Ferrous foundry industries (SIC codes 3321, 3322, and 3323) ¹	
	Establishments				Employment in the specified operation					
	Total	Number of production workers			Total	Number of production workers			Establish- ments, number	Production workers, number
		1-4	5-19	20 or more		1-4	5-19	20 or more		
	FOUNDRY (IRON OR STEEL)									
United States, total.	611	55	148	408	50,012	155	1,711	48,146	1,648	153,242
New England.....	54	3	8	43	4,015	5	80	3,930	123	5,969
Maine.....	4	...	...	4	179	...	...	179	6	(D)
New Hampshire.....	3	...	...	3	166	...	...	166	8	366
Vermont.....	4	...	1	3	100-249	...	(D)	100-249	4	(D)
Massachusetts.....	24	2	5	17	2,109	(D)	(D)	2,062	64	3,340
Rhode Island.....	2	...	...	2	250-499	...	...	250-499	10	(D)
Connecticut.....	17	1	2	14	1,072	(D)	(D)	1,049	31	1,783
Middle Atlantic.....	125	8	35	82	11,399	21	518	10,860	327	29,636
New York.....	55	3	21	31	4,777	10	348	4,419	87	5,996
New Jersey.....	19	2	4	13	1,520	(D)	(D)	1,473	55	5,326
Pennsylvania.....	51	3	10	38	5,102	(D)	(D)	4,968	185	18,314
East North Central.....	197	14	31	152	21,957	37	338	21,582	580	74,037
Ohio.....	63	4	10	49	4,645	10	112	4,523	169	21,413
Indiana.....	23	...	4	19	3,087	...	38	3,049	79	9,989
Illinois.....	34	5	4	25	5,215	14	45	5,156	125	13,379
Michigan.....	36	2	5	29	4,818	(D)	(D)	4,764	123	20,602
Wisconsin.....	41	3	8	30	4,192	(D)	(D)	4,090	84	8,654
West North Central.....	55	4	15	36	3,514	12	170	3,332	127	7,725
Minnesota.....	13	1	4	8	459	(D)	(D)	411	31	(D)
Iowa.....	17	1	3	13	2,199	(D)	(D)	2,159	32	1,761
Missouri.....	9	1	3	5	317	(D)	(D)	292	38	3,420
North Dakota.....	1	...	...	1	20-49	...	...	20-49	2	(D)
South Dakota.....	1	...	...	1	20-49	...	...	20-49	1	(D)
Nebraska.....	4	1	1	2	75	(D)	(D)	50-99	5	236
Kansas.....	10	...	4	6	405	...	59	346	18	(D)
South Atlantic.....	53	7	18	28	2,006	28	191	1,787	123	6,868
Delaware.....	2	...	1	1	50-99	...	(D)	20-49	5	611
Maryland.....	6	...	1	5	431	...	(D)	250-499	12	667
District of Columbia...	...	...	...	...	...	...	...	...	...	...
Virginia.....	11	1	5	5	465	(D)	(D)	411	27	2,459
West Virginia.....	2	...	...	2	100-249	...	...	100-249	12	635
North Carolina.....	10	3	2	5	264	(D)	(D)	222	27	1,165
South Carolina.....	5	...	2	3	87	...	(D)	50-99	8	(D)
Georgia.....	12	2	3	7	537	(D)	(D)	490	21	623
Florida.....	5	1	4	...	45	(D)	(D)	...	11	(D)
East South Central.....	51	2	15	34	4,943	(D)	(D)	2,500-4,999	91	13,114
Kentucky.....	9	...	2	7	1,540	...	(D)	1,000-2,499	7	(D)
Tennessee.....	20	1	4	15	2,074	(D)	(D)	2,035	31	2,312
Alabama.....	19	1	7	11	1,000-2,499	(D)	(D)	1,201	49	10,566
Mississippi.....	3	...	2	1	50-99	...	(D)	20-49	4	(D)
West South Central.....	28	5	10	13	1,014	20	115	879	78	6,016
Arkansas.....	1	...	...	1	20-49	...	...	20-49	5	(D)
Louisiana.....	3	...	...	3	262	...	...	262	11	(D)
Oklahoma.....	6	...	5	1	100-249	...	(D)	50-99	12	738
Texas.....	18	5	5	8	591	20	(D)	500-999	50	4,460
Mountain.....	6	2	2	2	158	(D)	(D)	100-249	28	1,433
Montana.....	1	1	...	...	(D)	(D)	...	...	2	(D)
Idaho.....	...	...	...	...	...	...	...	...	3	(D)
Wyoming.....	...	...	...	...	...	...	...	...	...	...
Colorado.....	3	1	...	2	126	(D)	...	100-249	12	755
New Mexico.....	1	...	1	...	(D)	...	(D)	...	...	...
Arizona.....	...	...	...	...	...	...	...	...	3	(D)
Utah.....	1	...	1	...	(D)	...	(D)	...	8	(D)
Nevada.....	...	...	...	...	...	...	...	...	...	...
Pacific.....	42	10	14	18	1,006	21	123	862	171	8,444
Washington.....	9	...	4	5	389	...	35	354	29	757
Oregon.....	5	2	2	1	46	(D)	(D)	20-49	20	1,238
California.....	28	8	8	12	571	(D)	(D)	250-499	122	6,444

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation								Nonferrous foundries (SIC codes 3361, 3362, and 3369) ¹	
	Establishments				Employment in the specified operation					
	Total	Number of production workers			Total	Number of production workers			Establish- ments, number	Production workers, number
		1-4	5-19	20 or more		1-4	5-19	20 or more		
	FOUNDRY (NONFERROUS, EXCEPT DIE CASTINGS)									
United States, total.	719	254	238	227	17,313	605	2,319	14,389	1,965	51,250
New England.....	81	24	27	30	2,345	44	268	2,033	184	2,500-4,999
Maine.....	3	...	2	1	66	...	(D)	50-99	4	(D)
New Hampshire.....	4	1	1	2	59	(D)	(D)	20-49	4	(D)
Vermont.....	3	1	2	...	12	(D)	(D)	...	...	...
Massachusetts.....	37	16	14	7	615	30	142	443	93	1,469
Rhode Island.....	5	3	1	1	41	(D)	(D)	20-49	19	165
Connecticut.....	29	3	7	19	1,552	4	79	1,469	64	1,475
Middle Atlantic.....	156	53	48	55	3,512	136	455	2,921	447	over 10,000
New York.....	66	26	22	18	1,274	65	210	999	193	4,437
New Jersey.....	30	9	10	11	689	26	98	565	103	(D)
Pennsylvania.....	60	18	16	26	1,549	45	147	1,357	151	(D)
East North Central.....	236	79	81	76	6,963	189	805	5,969	718	24,464
Ohio.....	74	24	28	22	1,627	67	300	1,260	214	8,135
Indiana.....	36	9	15	12	1,636	23	146	1,467	64	1,829
Illinois.....	49	18	14	17	1,619	35	119	1,465	190	5,976
Michigan.....	52	21	15	16	1,174	53	152	969	175	5,992
Wisconsin.....	25	7	9	9	907	11	88	808	75	2,532
West North Central.....	46	21	15	10	559	45	147	367	114	3,489
Minnesota.....	9	5	1	3	106	12	(D)	50-99	30	779
Iowa.....	10	5	3	2	134	12	(D)	50-99	22	343
Missouri.....	12	2	6	4	234	(D)	(D)	180	45	2,150
North Dakota.....	1	...	...	1	20-49	...	...	20-49	...	...
South Dakota.....	...	...	...	...	...	...	...	...	...	...
Nebraska.....	6	5	1	...	20-49	(D)	(D)	...	3	(D)
Kansas.....	8	4	4	...	40	12	28	...	14	(D)
South Atlantic.....	39	15	12	12	774	32	79	663	68	734
Delaware.....	1	1	...	...	(D)	(D)	...	...	1	(D)
Maryland.....	3	...	2	1	53	...	(D)	20-49	8	118
District of Columbia...	...	...	...	...	...	...	...	...	...	...
Virginia.....	5	2	1	2	58	(D)	(D)	50-99	4	(D)
West Virginia.....	5	1	...	4	316	(D)	...	250-499	5	(D)
North Carolina.....	9	3	3	3	138	9	23	106	10	(D)
South Carolina.....	3	...	3	...	15	...	15	...	4	(D)
Georgia.....	7	4	1	2	170	9	(D)	100-249	14	204
Florida.....	6	4	2	...	20-49	(D)	(D)	...	22	154
East South Central.....	27	8	10	9	898	21	102	775	27	629
Kentucky.....	4	1	2	1	276	(D)	(D)	250-499	5	(D)
Tennessee.....	8	1	4	3	139	(D)	(D)	50-99	9	(D)
Alabama.....	15	6	4	5	483	(D)	(D)	423	11	414
Mississippi.....	...	...	...	...	...	...	...	...	2	(D)
West South Central.....	32	14	9	9	503	35	(D)	250-499	82	1,081
Arkansas.....	1	...	...	1	50-99	...	...	50-99	7	224
Louisiana.....	2	1	...	1	20-49	(D)	...	20-49	4	(D)
Oklahoma.....	9	4	5	...	47	(D)	(D)	...	12	105
Texas.....	20	9	4	7	359	25	34	300	59	718
Mountain.....	9	5	2	2	141	13	(D)	100-249	28	342
Montana.....	...	...	...	...	...	...	...	...	...	...
Idaho.....	1	...	1	...	(D)	...	(D)	...	...	...
Wyoming.....	...	...	...	...	...	...	...	...	...	...
Colorado.....	5	2	1	2	125	(D)	(D)	100-249	20	253
New Mexico.....	...	...	...	...	...	...	...	...	2	(D)
Arizona.....	1	1	...	...	(D)	(D)	...	...	2	(D)
Utah.....	2	2	...	...	(D)	(D)	...	...	4	(D)
Nevada.....	...	...	...	...	...	...	...	...	...	...
Pacific.....	93	35	34	24	1,618	90	367	1,161	297	5,081
Washington.....	7	6	...	1	50-99	(D)	...	20-49	15	(D)
Oregon.....	2	1	1	...	(D)	(D)	(D)	...	18	(D)
California.....	84	28	33	23	1,546	72	(D)	1,000-2,499	264	4,839

See footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-33

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	DIE CASTING (NONFERROUS METAL ONLY)							
United States, total.....	313	145	113	55	5,574	324	1,170	4,080
New England.....	14	4	4	6	333	9	54	270
Maine.....	...	...	...	...	...	...	...	...
New Hampshire.....	1	...	...	1	20-49	...	...	20-49
Vermont.....	...	...	...	...	...	...	...	...
Massachusetts.....	3	...	1	2	191	...	(D)	100-249
Rhode Island.....	2	...	1	1	20-49	...	(D)	20-49
Connecticut.....	8	4	2	2	81	9	(D)	20-49
Middle Atlantic.....	72	32	27	13	1,198	77	267	854
New York.....	27	12	9	6	405	32	104	269
New Jersey.....	17	6	8	3	557	11	65	481
Pennsylvania.....	28	14	10	4	236	34	98	104
East North Central.....	123	54	44	25	2,879	121	466	2,292
Ohio.....	28	16	5	7	405	37	(D)	250-499
Indiana.....	17	3	10	4	603	10	94	499
Illinois.....	36	17	15	4	834	32	176	626
Michigan.....	32	14	10	8	757	33	108	616
Wisconsin.....	10	4	4	2	280	9	(D)	250-499
West North Central.....	26	13	8	5	407	23	65	319
Minnesota.....	6	2	3	1	63	(D)	30	20-49
Iowa.....	7	6	...	1	20-49	11	...	20-49
Missouri.....	8	2	3	3	291	(D)	(D)	250-499
North Dakota.....	...	...	...	...	...	...	...	...
South Dakota.....	...	...	...	...	...	...	...	...
Nebraska.....	3	1	2	...	12	(D)	(D)	...
Kansas.....	2	2	...	...	(D)	(D)	...	...
South Atlantic.....	15	7	6	2	173	(D)	56	100-249
Delaware.....	...	...	...	...	...	...	...	...
Maryland.....	3	...	2	1	62	...	(D)	20-49
District of Columbia.....	...	...	...	...	...	...	...	...
Virginia.....	3	2	...	1	57	(D)	...	50-99
West Virginia.....	...	...	...	...	...	...	...	...
North Carolina.....	3	1	2	...	20-49	(D)	(D)	...
South Carolina.....	...	...	...	...	...	...	...	...
Georgia.....	1	1	...	...	(D)	(D)	...	...
Florida.....	5	3	2	...	30	(D)	(D)	...
East South Central.....	9	7	2	...	35	(D)	(D)	...
Kentucky.....	1	1	...	...	(D)	(D)	...	...
Tennessee.....	5	3	2	...	25	8	(D)	...
Alabama.....	3	3	...	...	(D)	(D)	...	...
Mississippi.....	...	...	...	...	...	...	...	...
West South Central.....	13	9	4	...	61	23	38	...
Arkansas.....	4	1	3	...	36	(D)	(D)	...
Louisiana.....	2	2	...	...	(D)	(D)	...	...
Oklahoma.....	1	1	...	...	(D)	(D)	...	...
Texas.....	6	5	1	...	15	(D)	(D)	...
Mountain.....	7	5	1	1	103	(D)	(D)	50-99
Montana.....	...	...	...	...	...	...	...	...
Idaho.....	...	...	...	...	...	...	...	...
Wyoming.....	...	...	...	...	...	...	...	...
Colorado.....	5	3	1	1	50-99	4	(D)	50-99
New Mexico.....	...	...	...	...	...	...	...	...
Arizona.....	...	...	...	...	...	...	...	...
Utah.....	2	2	...	...	(D)	(D)	...	...
Nevada.....	...	...	...	...	...	...	...	...
Pacific.....	34	14	17	3	385	29	197	159
Washington.....	1	...	1	...	(D)	...	(D)	...
Oregon.....	2	2	...	...	(D)	(D)	...	...
California.....	31	12	16	3	376	(D)	(D)	159

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation								Forgings industries (SIC code 3391 and 3392) ²	
	Establishments				Employment in the specified operation					
	Total	Number of production workers			Total	Number of production workers			Establish- ments, number	Production workers, number
		1-4	5-19	20 or more		1-4	5-19	20 or more		
	FORGING (PRESSES, HAMMERS, OR UPSETTERS)									
United States, total.	778	331	263	184	14,367	750	2,592	11,025	330	33,630
New England.....	81	38	30	13	959	95	278	586	35	3,834
Maine.....	5	3	1	1	97	(D)	(D)	50-99	1	(D)
New Hampshire.....	2	2	...	...	(D)	(D)	...	...	1	(D)
Vermont.....	3	...	3	...	21	...	(D)	...	...	...
Massachusetts.....	35	19	13	3	370	(D)	119	100-249	16	(D)
Rhode Island.....	1	...	...	1	20-49	...	...	20-49	1	(D)
Connecticut.....	35	14	13	8	442	36	122	284	16	(D)
Middle Atlantic.....	172	87	49	36	2,667	196	532	1,939	71	7,001
New York.....	55	32	11	12	777	65	119	593	22	(D)
New Jersey.....	31	19	8	4	243	43	65	135	12	437
Pennsylvania.....	86	36	30	20	1,647	88	348	1,211	37	(D)
East North Central.....	257	83	86	88	7,607	185	870	6,552	144	(D)
Ohio.....	88	31	35	22	2,105	70	359	1,676	46	(D)
Indiana.....	36	11	15	10	684	23	164	497	12	2,372
Illinois.....	62	16	23	23	1,852	36	233	1,583	39	(D)
Michigan.....	44	13	7	24	2,341	31	61	2,249	39	(D)
Wisconsin.....	27	12	6	9	625	25	53	547	8	4,860
West North Central.....	48	17	24	7	615	36	243	336	7	(D)
Minnesota.....	12	3	7	2	165	(D)	61	50-99	3	(D)
Iowa.....	17	7	7	3	255	13	79	163	2	(D)
Missouri.....	9	2	5	2	128	(D)	50	50-99	2	(D)
North Dakota.....	...	...	...	...	...	...	...	...	...	...
South Dakota.....	1	1	...	...	(D)	(D)	...	...	...	...
Nebraska.....	5	2	3	...	36	(D)	(D)	...	...	...
Kansas.....	4	2	2	...	20-49	(D)	(D)	...	...	...
South Atlantic.....	47	20	16	11	670	43	147	480	5	(D)
Delaware.....	2	...	2	...	(D)	...	(D)	...	...	...
Maryland.....	8	2	3	3	146	(D)	(D)	110	2	(D)
District of Columbia...	1	1	...	...	(D)	(D)	...	...	...	...
Virginia.....	6	5	...	1	33	(D)	...	20-49	...	...
West Virginia.....	9	1	3	5	290	(D)	(D)	257	...	...
North Carolina.....	5	3	2	...	20	(D)	(D)	...	...	...
South Carolina.....	...	...	...	...	...	...	...	...	...	...
Georgia.....	6	...	4	2	129	...	(D)	50-99	...	...
Florida.....	10	8	2	...	37	(D)	(D)	...	3	(D)
East South Central.....	31	13	10	8	431	26	91	313	4	(D)
Kentucky.....	10	2	4	4	251	(D)	(D)	213	1	(D)
Tennessee.....	10	5	3	2	88	(D)	25	50-99	3	(D)
Alabama.....	8	5	2	1	58	13	(D)	20-49	...	...
Mississippi.....	3	1	1	1	33	(D)	(D)	20-49	...	...
West South Central.....	46	26	17	3	347	(D)	136	100-249	19	(D)
Arkansas.....	3	3	...	...	5	5	...	...	...	...
Louisiana.....	7	4	3	...	28	8	20	...	2	(D)
Oklahoma.....	9	5	4	...	53	12	41	...	2	(D)
Texas.....	27	14	10	3	261	35	75	151	15	321
Mountain.....	14	7	5	2	102	(D)	42	20-49	...	...
Montana.....	2	2	...	...	(D)	(D)	...	...	...	...
Idaho.....	...	...	...	...	...	...	...	...	...	...
Wyoming.....	...	...	...	...	...	...	...	...	...	...
Colorado.....	10	4	4	2	92	(D)	(D)	20-49	...	...
New Mexico.....	...	...	...	...	...	...	...	...	...	...
Arizona.....	1	1	...	...	(D)	(D)	...	...	...	...
Utah.....	1	...	1	...	(D)	...	(D)	...	...	...
Nevada.....	...	...	...	...	...	...	...	...	...	...
Pacific.....	82	40	26	16	970	96	253	621	45	(D)
Washington.....	10	6	1	3	216	(D)	(D)	100-249	2	(D)
Oregon.....	5	3	1	1	52	(D)	(D)	20-49	3	(D)
California.....	67	31	24	12	702	(D)	(D)	390	40	(D)

See footnotes at end of table.

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation								Plating and polishing industry (SIC code 3471) ³	
	Establishments				Employment in the specified operation				Establishments, number	Production workers, number
	Total	Number of production workers			Total	Number of production workers				
		1-4	5-19	20 or more		1-4	5-19	20 or more		
ELECTROPLATING										
United States, total.	1,521	742	545	234	20,308	1,602	5,141	13,565	2,646	30,543
New England.....	208	96	85	27	2,262	217	735	1,310	301	3,858
Maine.....	1	1	...	...	(D)	(D)	...	...	2	(D)
New Hampshire.....	11	6	4	1	54	7	(D)	20-49	3	(D)
Vermont.....	6	4	2	...	20-49	(D)	(D)	...	2	(D)
Massachusetts.....	84	44	29	11	757	(D)	221	250-499	102	1,306
Rhode Island.....	8	5	3	...	41	12	29	...	95	(D)
Connecticut.....	98	36	47	15	1,383	99	444	840	97	1,441
Middle Atlantic.....	392	204	136	52	4,247	473	1,308	2,466	668	7,430
New York.....	185	100	64	21	1,909	233	598	1,078	417	4,689
New Jersey.....	95	53	30	12	1,089	119	286	684	143	1,556
Pennsylvania.....	112	51	42	19	1,249	121	424	704	108	1,185
East North Central.....	558	243	207	108	9,919	512	1,984	7,423	877	11,413
Ohio.....	159	79	60	20	2,187	177	556	1,454	231	2,628
Indiana.....	74	30	30	14	1,166	48	314	804	69	980
Illinois.....	167	77	62	28	2,575	164	581	1,830	253	4,007
Michigan.....	110	35	38	37	3,503	71	344	3,088	267	3,154
Wisconsin.....	48	22	17	9	488	52	189	247	57	644
West North Central.....	99	59	34	6	1,118	132	342	644	114	1,099
Minnesota.....	19	11	7	1	171	30	(D)	20-49	34	391
Iowa.....	15	10	5	...	64	16	48	...	10	(D)
Missouri.....	48	28	16	4	353	58	(D)	100-249	56	506
North Dakota.....	...	...	...	...	...	...	...	...	1	(D)
South Dakota.....	...	...	...	...	...	...	...	...	1	(D)
Nebraska.....	7	4	2	1	481	12	(D)	200-499	2	(D)
Kansas.....	10	6	4	...	49	16	33	...	10	(D)
South Atlantic.....	63	30	24	9	644	56	246	342	83	747
Delaware.....	1	...	...	1	20-49	...	...	20-49	1	(D)
Maryland.....	14	7	4	3	200	10	41	149	17	106
District of Columbia...	...	...	...	...	...	...	...	...	4	(D)
Virginia.....	11	4	6	1	76	(D)	45	20-49	10	(D)
West Virginia.....	7	3	2	2	117	4	(D)	50-99	2	(D)
North Carolina.....	14	6	6	2	140	(D)	73	50-99	10	(D)
South Carolina.....	2	...	2	...	20-49	...	(D)	...	4	(D)
Georgia.....	9	7	2	...	35	(D)	(D)	...	10	187
Florida.....	5	3	2	...	28	(D)	(D)	...	25	181
East South Central.....	31	13	10	8	437	24	90	323	38	266
Kentucky.....	17	6	5	6	287	(D)	45	200-499	10	(D)
Tennessee.....	10	5	3	2	121	(D)	(D)	50-99	14	119
Alabama.....	2	1	1	...	(D)	(D)	(D)	...	10	(D)
Mississippi.....	2	1	1	...	(D)	(D)	(D)	...	4	(D)
West South Central.....	22	10	9	3	215	18	85	112	84	690
Arkansas.....	6	2	3	1	62	(D)	40	20-49	3	(D)
Louisiana.....	...	...	...	...	...	...	...	...	7	(D)
Oklahoma.....	3	2	1	...	20	(D)	(D)	...	16	125
Texas.....	13	6	5	2	133	11	(D)	50-99	58	497
Mountain.....	13	10	3	...	37	18	19	...	34	205
Montana.....	...	...	...	...	...	...	...	...	...	...
Idaho.....	...	...	...	...	...	...	...	...	...	...
Wyoming.....	1	1	...	...	(D)	(D)	...	...	...	...
Colorado.....	8	6	2	...	23	10	(D)	...	11	(D)
New Mexico.....	2	1	1	...	(D)	(D)	(D)	...	...	...
Arizona.....	1	1	...	...	(D)	(D)	...	...	16	119
Utah.....	...	...	...	...	...	...	...	...	4	(D)
Nevada.....	1	1	...	...	(D)	(D)	...	...	1	(D)
Pacific.....	135	77	37	21	1,429	152	332	945	447	4,835
Washington.....	6	3	1	2	79	6	(D)	50-99	21	122
Oregon.....	5	3	1	1	42	6	(D)	20-49	16	185
California.....	124	71	35	18	1,308	140	(D)	500-999	410	4,578

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	GALVANIZING AND OTHER HOT DIP COATING							
United States, total.....	468	234	171	63	4,561	492	1,688	2,381
New England.....	64	33	26	5	468	71	259	138
Maine.....	...	...	...	...	...	...	...	...
New Hampshire.....	...	...	...	...	...	...	...	...
Vermont.....	1	1	...	...	(D)	(D)	...	...
Massachusetts.....	34	18	14	2	229	(D)	138	(D)
Rhode Island.....	5	...	5	...	(D)	...	(D)	...
Connecticut.....	24	14	7	3	187	27	(D)	50-99
Middle Atlantic.....	110	51	35	24	1,375	105	303	967
New York.....	39	20	13	6	361	41	98	222
New Jersey.....	23	11	7	5	200	24	47	129
Pennsylvania.....	48	20	15	13	814	40	158	616
East North Central.....	145	69	56	20	1,534	153	607	774
Ohio.....	44	22	13	9	536	50	145	341
Indiana.....	18	6	7	5	236	17	73	146
Illinois.....	46	22	18	6	529	43	199	287
Michigan.....	29	14	15	...	201	33	168	...
Wisconsin.....	8	5	3	...	32	10	22	...
West North Central.....	29	14	14	1	192	(D)	136	20-49
Minnesota.....	6	1	5	...	55	(D)	(D)	...
Iowa.....	8	5	3	...	35	15	20	...
Missouri.....	10	6	3	1	71	(D)	36	20-49
North Dakota.....	...	...	...	...	...	...	...	...
South Dakota.....	...	...	...	...	...	...	...	...
Nebraska.....	3	2	1	...	(D)	(D)	(D)	...
Kansas.....	2	...	2	...	(D)	...	(D)	...
South Atlantic.....	23	14	4	5	315	25	38	252
Delaware.....	...	...	...	...	...	...	...	...
Maryland.....	8	4	1	3	161	(D)	(D)	100-249
District of Columbia.....	...	...	...	...	...	...	...	...
Virginia.....	2	2	...	...	(D)	(D)	...	...
West Virginia.....	2	1	...	1	50-99	(D)	...	50-99
North Carolina.....	4	2	1	1	41	(D)	(D)	20-49
South Carolina.....	...	...	...	...	...	...	...	...
Georgia.....	6	4	2	...	28	(D)	(D)	...
Florida.....	1	1	...	...	(D)	(D)	...	...
East South Central.....	15	8	7	...	81	14	67	...
Kentucky.....	3	3	...	...	(D)	(D)	...	...
Tennessee.....	7	4	3	...	40	7	33	...
Alabama.....	3	...	3	...	(D)	...	(D)	...
Mississippi.....	2	1	1	...	(D)	(D)	(D)	...
West South Central.....	21	11	8	2	168	(D)	(D)	50-99
Arkansas.....	...	...	...	...	...	...	...	...
Louisiana.....	...	...	...	...	...	...	...	...
Oklahoma.....	5	2	3	...	45	(D)	(D)	...
Texas.....	16	9	5	2	123	(D)	41	50-99
Mountain.....	6	4	2	...	21	(D)	(D)	...
Montana.....	...	...	...	...	...	...	...	...
Idaho.....	1	...	1	...	(D)	...	(D)	...
Wyoming.....	...	...	...	...	...	...	...	...
Colorado.....	1	1	...	...	(D)	(D)	...	...
New Mexico.....	...	...	...	...	...	...	...	...
Arizona.....	2	1	1	...	(D)	(D)	(D)	...
Utah.....	1	1	...	...	(D)	(D)	...	...
Nevada.....	1	1	...	...	(D)	(D)	...	...
Pacific.....	55	30	19	6	407	56	183	168
Washington.....	4	...	3	1	54	...	(D)	20-49
Oregon.....	3	2	1	...	12	(D)	(D)	...
California.....	48	28	15	5	341	(D)	142	100-249

See footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-37

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
HEAT TREATING OR ANNEALING OF METALS FOR PRODUCTION PURPOSES								
United States, total.....	3,511	2,347	823	341	31,111	4,434	7,374	19,303
New England.....	506	329	126	51	3,923	602	1,109	2,212
Maine.....	11	8	3	...	36	16	20	...
New Hampshire.....	19	14	3	2	141	(D)	24	50-99
Vermont.....	13	7	6	...	71	(D)	(D)	...
Massachusetts.....	213	138	54	21	1,562	248	497	817
Rhode Island.....	39	26	10	3	218	54	(D)	100-249
Connecticut.....	211	136	50	25	1,895	247	449	1,199
Middle Atlantic.....	796	518	203	75	6,011	978	1,825	3,208
New York.....	317	217	76	24	2,034	407	737	890
New Jersey.....	169	107	44	18	1,809	192	380	1,237
Pennsylvania.....	310	194	83	33	2,168	379	708	1,081
East North Central.....	1,293	814	327	152	15,180	1,610	3,069	10,501
Ohio.....	421	276	104	41	3,447	538	920	1,989
Indiana.....	161	91	49	21	1,665	175	475	1,015
Illinois.....	331	214	84	33	3,217	422	866	1,929
Michigan.....	277	172	60	45	6,029	345	551	5,133
Wisconsin.....	103	61	30	12	822	130	257	435
West North Central.....	198	153	32	13	1,611	276	284	1,051
Minnesota.....	41	32	7	2	159	59	(D)	50-99
Iowa.....	52	37	9	6	538	71	76	391
Missouri.....	65	55	9	1	229	97	(D)	20-49
North Dakota.....	2	...	2	...	(D)	...	(D)	...
South Dakota.....	2	2	...	...	(D)	(D)	...	...
Nebraska.....	16	13	2	1	499	24	(D)	250-499
Kansas.....	20	14	3	3	165	(D)	27	116
South Atlantic.....	177	143	27	7	720	263	240	217
Delaware.....	4	4	...	...	(D)	(D)	...	...
Maryland.....	43	31	10	2	205	(D)	102	50-99
District of Columbia.....	1	1	...	...	(D)	(D)	...	...
Virginia.....	18	17	1	...	39	(D)	(D)	...
West Virginia.....	11	6	3	2	113	(D)	31	50-99
North Carolina.....	39	33	5	1	116	60	(D)	20-49
South Carolina.....	11	9	2	...	29	(D)	(D)	...
Georgia.....	29	24	3	2	148	49	(D)	50-99
Florida.....	21	18	3	...	58	33	25	...
East South Central.....	76	49	16	11	847	91	116	640
Kentucky.....	18	11	4	3	145	(D)	28	50-99
Tennessee.....	25	16	6	3	367	28	40	299
Alabama.....	22	16	2	4	266	(D)	(D)	217
Mississippi.....	11	6	4	1	69	(D)	(D)	20-49
West South Central.....	133	93	32	8	803	181	251	371
Arkansas.....	9	5	4	...	35	(D)	(D)	...
Louisiana.....	9	7	2	...	30	(D)	(D)	...
Oklahoma.....	31	22	9	...	104	44	60	...
Texas.....	84	59	17	8	634	111	152	371
Mountain.....	38	27	5	6	240	39	35	166
Montana.....	1	1	...	...	(D)	(D)	...	...
Idaho.....	1	...	...	1	20-49	...	...	20-49
Wyoming.....	...	...	...	...	...	...	...	...
Colorado.....	17	12	2	3	107	(D)	(D)	78
New Mexico.....	2	2	...	...	(D)	(D)	...	...
Arizona.....	8	5	2	1	45	6	(D)	20-49
Utah.....	9	7	1	1	57	(D)	(D)	20-49
Nevada.....	...	...	...	...	...	...	...	...
Pacific.....	294	221	55	18	1,776	394	445	937
Washington.....	31	28	1	2	337	(D)	(D)	250-499
Oregon.....	22	21	1	...	46 46	(D)	(D)	...
California.....	241	172	53	16	1,393	309	(D)	500-999

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	AUTOMATIC SCREW MACHINE DEPARTMENT							
United States, total.....	3,003	1,318	1,091	594	44,348	2,878	10,536	30,934
New England.....	424	162	161	101	7,071	367	1,588	5,116
Maine.....	5	2	1	2	180	(D)	(D)	100-249
New Hampshire.....	17	7	5	5	214	10	43	161
Vermont.....	9	7	2	...	32	(D)	(D)	...
Massachusetts.....	163	75	56	32	2,305	164	545	1,596
Rhode Island.....	32	14	14	4	333	(D)	113	100-249
Connecticut.....	198	57	83	58	4,007	136	869	3,002
Middle Atlantic.....	631	290	208	133	10,007	673	2,016	7,318
New York.....	280	134	83	63	4,269	308	821	3,140
New Jersey.....	148	58	57	33	2,485	136	519	1,830
Pennsylvania.....	203	98	68	37	3,253	229	676	2,348
East North Central.....	1,287	522	480	285	20,112	1,142	4,712	14,258
Ohio.....	336	143	123	70	5,546	319	1,270	3,957
Indiana.....	139	56	46	37	2,442	124	457	1,861
Illinois.....	370	141	154	75	5,098	315	1,477	3,306
Michigan.....	324	122	127	75	5,656	244	1,212	4,200
Wisconsin.....	118	60	30	28	1,370	140	296	934
West North Central.....	189	94	74	21	1,880	192	691	997
Minnesota.....	53	29	20	4	442	62	169	211
Iowa.....	39	19	12	8	518	43	109	366
Missouri.....	67	27	31	9	789	52	317	420
North Dakota.....	...	...	...	...	...	...	...	...
South Dakota.....	2	2	...	...	(D)	(D)	...	...
Nebraska.....	13	8	5	...	50-99	(D)	52	...
Kansas.....	15	9	6	...	60	16	44	...
South Atlantic.....	85	48	25	12	974	91	218	665
Delaware.....	3	1	2	...	10-19	(D)	(D)	...
Maryland.....	15	8	4	3	294	17	42	235
District of Columbia.....	...	...	...	...	...	...	...	...
Virginia.....	8	5	3	...	41	9	32	...
West Virginia.....	2	1	...	1	50-99	(D)	...	50-99
North Carolina.....	25	13	8	4	173	23	53	97
South Carolina.....	6	4	1	1	44	(D)	(D)	20-49
Georgia.....	17	10	5	2	294	19	55	100-249
Florida.....	9	6	2	1	60	10	(D)	20-49
East South Central.....	37	13	14	10	907	28	106	773
Kentucky.....	11	3	4	4	439	8	30	401
Tennessee.....	15	5	6	4	197	(D)	46	100-249
Alabama.....	6	3	1	2	242	7	(D)	100-249
Mississippi.....	5	2	3	...	29	(D)	(D)	...
West South Central.....	64	29	29	6	495	(D)	255	100-249
Arkansas.....	4	2	2	...	20-49	(D)	(D)	...
Louisiana.....	2	2	...	...	(D)	(D)	...	...
Oklahoma.....	17	5	10	2	165	11	(D)	50-99
Texas.....	41	20	17	4	298	(D)	134	100-249
Mountain.....	17	7	8	2	167	(D)	85	(D)
Montana.....	...	...	...	...	...	...	...	...
Idaho.....	...	...	...	...	...	...	...	...
Wyoming.....	1	1	...	...	(D)	(D)	...	...
Colorado.....	11	4	6	1	94	(D)	66	(D)
New Mexico.....	1	...	1	...	(D)	...	(D)	...
Arizona.....	4	2	1	1	66	(D)	(D)	(D)
Utah.....	...	...	...	...	...	...	...	...
Nevada.....	...	...	...	...	...	...	...	...
Pacific.....	269	153	92	24	2,935	308	865	1,562
Washington.....	12	7	5	...	56	8	48	...
Oregon.....	11	7	4	...	51	15	36	...
California.....	246	139	83	24	2,628	285	781	1,562

See footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-39

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribtuion by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	MACHINE SHOPS							
United States, total.....	15,476	4,167	6,186	5,123	643,739	10,491	63,476	569,772
New England.....	1,525	374	617	534	71,652	1,043	6,631	63,978
Maine.....	41	16	16	9	1,410	34	181	1,195
New Hampshire.....	66	16	29	21	2,887	38	289	2,560
Vermont.....	29	6	11	12	1,830	19	85	1,726
Massachusetts.....	728	167	300	261	27,789	529	3,314	23,946
Rhode Island.....	123	36	42	45	4,959	92	433	4,434
Connecticut.....	538	133	219	186	32,777	331	2,329	30,117
Middle Atlantic.....	3,658	986	1,498	1,174	171,203	2,584	15,758	152,861
New York.....	1,544	468	614	462	52,412	1,087	6,139	45,186
New Jersey.....	884	238	388	258	57,571	841	4,450	52,280
Pennsylvania.....	1,230	280	496	454	61,220	656	5,169	55,395
East North Central.....	5,134	1,285	1,901	1,948	253,163	3,201	19,439	230,523
Ohio.....	1,555	366	595	594	74,618	899	5,989	67,730
Indiana.....	520	125	190	205	27,861	301	1,879	25,681
Illinois.....	1,436	405	536	495	56,112	962	5,387	49,763
Michigan.....	1,100	272	409	419	65,620	669	4,176	60,775
Wisconsin.....	523	117	171	235	28,952	370	2,008	26,594
West North Central.....	943	270	390	283	30,615	677	4,023	25,915
Minnesota.....	271	73	112	86	7,417	182	1,139	6,096
Iowa.....	174	49	70	55	9,172	114	705	8,353
Missouri.....	292	86	115	91	8,544	223	1,211	7,110
North Dakota.....	11	3	7	1	128	(D)	(D)	50-99
South Dakota.....	4	1	2	1	50	(D)	(D)	20-49
Nebraska.....	60	16	29	15	922	(D)	314	500-999
Kansas.....	131	42	55	34	4,382	106	572	3,704
South Atlantic.....	774	244	314	216	20,724	595	3,121	17,008
Delaware.....	27	8	9	10	500-999	19	(D)	613
Maryland.....	160	41	64	55	5,981	106	553	5,322
District of Columbia.....	2	...	2	...	20-49	...	(D)	...
Virginia.....	97	26	42	29	2,922	61	446	2,415
West Virginia.....	61	16	24	21	1,658	38	273	1,347
North Carolina.....	143	37	58	48	3,923	92	641	3,190
South Carolina.....	38	13	17	8	1,161	27	177	957
Georgia.....	97	31	40	26	2,852	85	387	2,380
Florida.....	149	72	58	19	1,477	167	526	784
East South Central.....	355	92	159	104	11,140	225	1,550	9,365
Kentucky.....	98	26	46	26	4,483	64	436	3,983
Tennessee.....	103	25	46	32	2,858	58	428	2,372
Alabama.....	113	27	49	37	2,804	66	499	2,239
Mississippi.....	41	14	18	9	995	37	187	771
West South Central.....	705	185	320	200	18,743	457	3,131	15,155
Arkansas.....	27	7	12	8	557	22	127	408
Louisiana.....	75	24	33	18	1,455	58	316	1,081
Oklahoma.....	148	36	74	38	3,358	92	771	2,495
Texas.....	455	118	201	136	13,373	285	1,917	11,171
Mountain.....	188	62	71	55	4,567	150	671	3,746
Montana.....	6	5	...	1	44	(D)	...	20-49
Idaho.....	13	5	7	1	109	(D)	(D)	20-49
Wyoming.....	2	2	...	...	(D)	(D)	...	...
Colorado.....	79	27	29	23	2,173	62	250	1,861
New Mexico.....	16	5	9	2	168	(D)	104	50-99
Arizona.....	40	12	11	17	1,250	29	103	1,118
Utah.....	30	6	13	11	791	12	119	660
Nevada.....	2	...	2	...	20-49	...	(D)	...
Pacific.....	2,194	669	916	609	61,932	1,559	9,152	51,221
Washington.....	167	64	66	37	4,275	142	599	3,534
Oregon.....	109	37	47	25	1,884	88	465	1,331
California.....	1,918	568	803	547	55,773	1,329	8,088	46,356

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	TOOL AND DIE SHOPS (OPERATED SEPARATELY FROM MACHINE SHOPS)							
United States, total.....	7,224	2,875	2,748	1,601	161,082	6,505	26,740	127,837
New England.....	723	255	311	157	13,351	614	3,192	9,545
Maine.....	10	4	5	1	125	(D)	(D)	50-99
New Hampshire.....	21	9	8	4	236	17	65	154
Vermont.....	8	1	3	4	424	(D)	(D)	250-499
Massachusetts.....	325	126	130	69	4,933	302	1,310	3,321
Rhode Island.....	54	31	16	7	465	75	206	184
Connecticut.....	305	84	149	72	7,168	206	1,506	5,456
Middle Atlantic.....	1,535	642	585	308	28,162	1,400	5,592	21,170
New York.....	696	314	253	129	14,072	663	2,378	11,031
New Jersey.....	365	160	142	63	5,432	346	1,316	3,770
Pennsylvania.....	474	168	190	116	8,658	391	1,898	6,369
East North Central.....	3,167	1,056	1,245	866	82,966	2,469	12,472	68,025
Ohio.....	827	268	328	231	20,433	596	3,166	16,671
Indiana.....	331	98	130	103	9,343	244	1,385	7,714
Illinois.....	897	367	347	183	14,501	862	3,382	10,257
Michigan.....	843	229	317	297	33,419	560	3,303	29,556
Wisconsin.....	269	94	123	52	5,270	207	1,236	3,827
West North Central.....	457	229	163	65	8,013	505	1,454	6,054
Minnesota.....	112	57	41	14	1,101	117	334	650
Iowa.....	116	58	40	18	1,420	122	354	944
Missouri.....	140	63	59	18	2,831	145	580	2,106
North Dakota.....	1	...	1	...	(D)	...	(D)	...
South Dakota.....	1	1	...	...	(D)	(D)	...	...
Nebraska.....	34	23	7	4	250-499	(D)	(D)	192
Kansas.....	53	27	15	11	2,368	66	140	2,162
South Atlantic.....	253	126	88	39	3,813	296	822	2,695
Delaware.....	10	8	1	1	66	20	(D)	20-49
Maryland.....	48	20	14	14	1,564	43	147	1,374
District of Columbia.....	...	...	...	...	...	...	...	...
Virginia.....	28	14	7	7	386	39	90	257
West Virginia.....	14	4	8	2	130	(D)	73	20-49
North Carolina.....	44	26	14	4	376	64	127	185
South Carolina.....	11	5	6	...	81	(D)	(D)	...
Georgia.....	52	26	19	7	907	61	141	705
Florida.....	46	23	19	4	303	49	160	94
East South Central.....	134	51	54	29	1,970	128	508	1,334
Kentucky.....	43	11	18	14	957	34	176	747
Tennessee.....	48	19	20	9	609	40	188	381
Alabama.....	29	16	9	4	271	(D)	70	100-249
Mississippi.....	14	5	7	2	133	(D)	74	20-49
West South Central.....	182	101	58	23	3,250	222	530	2,498
Arkansas.....	14	9	4	1	95	(D)	(D)	20-49
Louisiana.....	9	6	2	1	46	11	(D)	20-49
Oklahoma.....	37	19	14	4	605	(D)	112	250-499
Texas.....	122	67	38	17	2,504	146	360	1,998
Mountain.....	51	27	15	9	707	50	141	516
Montana.....	...	...	...	...	...	...	...	...
Idaho.....	3	3	...	...	(D)	(D)	...	...
Wyoming.....	2	2	...	...	(D)	(D)	...	...
Colorado.....	23	13	7	3	205	24	66	115
New Mexico.....	...	...	...	...	...	...	...	...
Arizona.....	16	5	6	5	396	11	(D)	250-499
Utah.....	7	4	2	1	99	8	(D)	50-99
Nevada.....	...	...	...	...	...	...	...	...
Pacific.....	722	388	229	105	18,850	821	2,029	16,000
Washington.....	36	24	8	4	449	41	62	346
Oregon.....	22	13	7	2	144	31	68	45
California.....	664	351	214	99	18,257	749	1,899	15,609

See footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-41

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	FOUNDRY PATTERN SHOP							
United States, total.....	2,429	1,401	806	222	22,280	2,972	7,321	11,987
New England.....	216	127	73	16	1,520	258	710	552
Maine.....	14	11	3	...	54	17	37	...
New Hampshire.....	16	10	6	...	79	21	48	...
Vermont.....	7	4	3	...	33	5	28	...
Massachusetts.....	103	60	32	11	795	119	271	405
Rhode Island.....	17	12	4	1	99	(D)	53	20-49
Connecticut.....	59	30	25	4	460	(D)	263	100-249
Middle Atlantic.....	535	317	166	52	5,600	691	1,426	3,483
New York.....	184	118	51	15	1,354	264	417	673
New Jersey.....	101	59	36	6	727	117	319	291
Pennsylvania.....	250	140	79	31	3,519	310	690	2,519
East North Central.....	923	453	357	113	10,101	991	3,361	5,749
Ohio.....	298	144	125	29	2,690	314	1,213	1,163
Indiana.....	93	47	35	11	1,111	107	369	635
Illinois.....	208	113	70	25	1,848	243	655	950
Michigan.....	197	85	75	37	3,345	183	658	2,504
Wisconsin.....	127	64	52	11	1,107	144	466	497
West North Central.....	171	116	46	9	1,048	238	405	405
Minnesota.....	43	32	11	...	143	64	79	...
Iowa.....	34	24	9	1	180	(D)	103	20-49
Missouri.....	52	27	20	5	513	55	177	281
North Dakota.....	2	2	...	...	(D)	(D)	...	...
South Dakota.....	1	1	...	...	(D)	(D)	...	...
Nebraska.....	12	11	1	...	32	(D)	(D)	...
Kansas.....	27	19	5	3	175	36	(D)	50-99
South Atlantic.....	128	91	29	8	697	175	276	246
Delaware.....	7	5	2	...	32	(D)	(D)	...
Maryland.....	20	10	7	3	181	21	70	90
District of Columbia.....	...	...	...	...	...	...	...	...
Virginia.....	19	15	2	2	132	31	(D)	(D)
West Virginia.....	10	7	3	...	45	10	35	...
North Carolina.....	22	18	4	...	51	30	21	...
South Carolina.....	9	7	2	...	37	(D)	(D)	...
Georgia.....	24	17	5	2	138	33	56	49
Florida.....	17	12	4	1	81	(D)	33	(D)
East South Central.....	92	53	31	8	618	(D)	263	100-249
Kentucky.....	11	7	2	2	100-249	15	(D)	50-99
Tennessee.....	30	19	8	3	177	(D)	(D)	71
Alabama.....	49	25	21	3	330	66	173	91
Mississippi.....	2	2	...	...	(D)	(D)	...	...
West South Central.....	92	65	25	2	430	(D)	204	100-249
Arkansas.....	2	2	...	...	(D)	(D)	...	...
Louisiana.....	9	5	4	...	20-49	(D)	29	...
Oklahoma.....	28	22	6	...	90	39	51	...
Texas.....	53	36	15	2	299	(D)	124	100-249
Mountain.....	32	26	6	...	114	58	56	...
Montana.....	2	2	...	...	(D)	(D)	...	...
Idaho.....	2	2	...	...	(D)	(D)	...	...
Wyoming.....	...	...	...	...	...	...	...	...
Colorado.....	14	9	5	...	66	(D)	(D)	...
New Mexico.....	1	1	...	...	(D)	(D)	...	...
Arizona.....	6	6	...	...	15	15	...	...
Utah.....	7	6	1	...	23	(D)	(D)	...
Nevada.....	...	...	...	...	...	...	...	...
Pacific.....	240	153	73	14	2,152	324	620	1,208
Washington.....	21	16	4	1	202	(D)	32	100-249
Oregon.....	19	12	6	1	128	(D)	62	20-49
California.....	200	125	63	12	1,822	(D)	526	1,000-2,499

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	PLATE OR STRUCTURAL FABRICATION							
United States, total.....	4,835	1,264	1,762	1,809	218,530	3,100	17,581	197,849
New England.....	279	96	107	76	9,476	217	1,146	8,111
Maine.....	16	5	5	6	369	10	52	307
New Hampshire.....	11	5	2	4	277	(D)	(D)	100-249
Vermont.....	6	1	4	1	127	(D)	(D)	50-99
Massachusetts.....	171	56	69	46	3,917	124	738	3,055
Rhode Island.....	16	7	4	5	244	21	46	177
Connecticut.....	59	22	23	14	4,542	46	234	4,262
Middle Atlantic.....	1,031	260	368	403	54,260	656	3,663	49,941
New York.....	391	116	139	136	16,955	294	1,377	15,284
New Jersey.....	234	63	96	75	7,205	161	941	6,103
Pennsylvania.....	406	81	133	192	30,100	201	1,345	28,554
East North Central.....	1,379	383	474	522	55,967	891	4,764	50,312
Ohio.....	445	113	155	177	19,610	264	1,493	17,852
Indiana.....	141	39	55	47	6,137	88	529	5,520
Illinois.....	369	100	125	144	17,416	228	1,198	15,990
Michigan.....	239	80	81	78	5,638	194	894	4,550
Wisconsin.....	185	51	58	76	7,166	117	649	6,400
West North Central.....	370	88	140	142	17,102	211	1,365	15,526
Minnesota.....	97	19	46	32	3,076	43	447	2,586
Iowa.....	77	21	25	31	2,208	48	249	1,911
Missouri.....	111	26	39	46	7,764	63	388	7,313
North Dakota.....	6	2	3	1	50-99	(D)	(D)	50-99
South Dakota.....	2	...	1	1	50-99	...	(D)	50-99
Nebraska.....	24	8	10	6	400	(D)	84	250-499
Kansas.....	53	12	16	25	3,486	31	151	3,304
South Atlantic.....	361	85	142	134	16,254	246	1,457	14,551
Delaware.....	11	4	4	3	254	11	(D)	100-249
Maryland.....	73	12	31	30	4,549	29	344	4,176
District of Columbia.....	4	...	3	1	66	...	(D)	20-49
Virginia.....	50	14	16	20	5,092	41	154	4,897
West Virginia.....	31	9	7	15	749	28	65	656
North Carolina.....	56	17	23	16	1,736	48	265	1,423
South Carolina.....	18	5	7	6	386	13	55	318
Georgia.....	56	9	26	21	2,200	27	239	1,934
Florida.....	62	15	25	22	1,222	49	248	925
East South Central.....	180	32	53	95	17,910	81	528	17,301
Kentucky.....	46	14	13	19	1,812	(D)	(D)	1,656
Tennessee.....	45	7	17	21	1,906	18	175	1,713
Alabama.....	63	9	16	38	4,780	26	154	4,600
Mississippi.....	26	2	7	17	9,412	(D)	(D)	9,332
West South Central.....	385	92	124	169	16,590	242	1,251	15,097
Arkansas.....	9	2	3	4	284	(D)	(D)	252
Louisiana.....	48	10	12	26	4,163	(D)	(D)	4,010
Oklahoma.....	62	19	20	23	2,404	49	191	2,164
Texas.....	266	61	89	116	9,739	159	909	8,671
Mountain.....	112	31	38	43	3,422	79	393	2,950
Montana.....	8	4	3	1	81	(D)	29	20-49
Idaho.....	12	...	9	3	231	...	(D)	100-249
Wyoming.....	2	...	2	...	(D)	...	(D)	...
Colorado.....	35	12	10	13	904	29	86	789
New Mexico.....	12	5	3	4	227	15	29	183
Arizona.....	13	6	1	6	617	(D)	(D)	592
Utah.....	28	3	9	16	1,322	7	96	1,219
Nevada.....	2	1	1	...	(D)	(D)	(D)	...
Pacific.....	738	197	316	225	27,549	477	3,014	24,058
Washington.....	88	23	40	25	2,970	61	396	2,513
Oregon.....	77	21	37	19	1,316	50	364	902
California.....	573	153	239	181	23,362	366	2,254	20,643

See footnotes at end of table.

SELECTED METALWORKING OPERATIONS

8-43

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	STAMPING, BLANKING, AND FORMING							
United States, total.....	8,285	2,765	2,987	2,533	272,449	6,272	29,220	236,957
New England.....	756	260	285	211	18,719	553	2,808	15,355
Maine.....	15	7	4	4	425	14	40	371
New Hampshire.....	31	11	14	6	427	(D)	121	250-499
Vermont.....	10	5	4	1	60	(D)	28	20-49
Massachusetts.....	331	114	130	87	6,550	245	1,228	5,077
Rhode Island.....	58	21	24	13	694	43	223	428
Connecticut.....	311	102	109	100	10,563	214	1,168	9,181
Middle Atlantic.....	1,833	648	698	487	56,827	1,506	6,788	48,533
New York.....	845	299	342	204	24,554	682	3,344	20,528
New Jersey.....	428	166	162	100	16,202	400	1,610	14,192
Pennsylvania.....	560	183	194	183	16,071	424	1,834	13,813
East North Central.....	3,142	877	1,096	1,169	136,748	2,047	11,105	123,596
Ohio.....	843	238	277	328	38,083	547	2,838	34,698
Indiana.....	351	98	120	133	14,093	232	1,194	12,667
Illinois.....	997	295	375	327	32,782	702	3,640	28,440
Michigan.....	664	156	222	286	41,719	365	2,373	38,981
Wisconsin.....	287	90	102	95	10,071	201	1,060	8,810
West North Central.....	662	251	229	182	16,035	551	2,162	13,322
Minnesota.....	188	74	64	50	3,533	147	534	2,852
Iowa.....	147	54	48	45	3,984	131	513	3,340
Missouri.....	206	69	72	65	6,276	154	682	5,440
North Dakota.....	4	2	2	...	35	(D)	(D)	...
South Dakota.....	4	4	...	...	6	6	...	...
Nebraska.....	43	21	14	8	588	(D)	(D)	415
Kansas.....	70	27	29	14	1,613	57	281	1,275
South Atlantic.....	418	151	158	109	9,081	334	1,447	7,300
Delaware.....	9	2	4	3	187	(D)	(D)	100-249
Maryland.....	78	23	29	26	3,115	47	301	2,767
District of Columbia.....	3	1	2	...	20	(D)	(D)	...
Virginia.....	42	19	11	12	697	37	90	570
West Virginia.....	30	6	7	17	1,261	14	75	1,172
North Carolina.....	74	28	31	15	1,087	66	271	750
South Carolina.....	17	9	6	2	126	(D)	41	50-99
Georgia.....	78	26	31	21	1,664	67	288	1,309
Florida.....	87	37	37	13	924	76	325	523
East South Central.....	234	63	74	97	7,444	131	694	6,619
Kentucky.....	85	19	32	34	2,888	40	303	2,545
Tennessee.....	84	30	19	35	2,307	62	178	2,067
Alabama.....	42	6	18	18	1,351	13	174	1,164
Mississippi.....	23	8	5	10	898	16	39	843
West South Central.....	264	92	112	60	5,197	217	1,025	3,955
Arkansas.....	25	6	14	5	472	13	130	329
Louisiana.....	24	8	9	7	613	21	63	529
Oklahoma.....	38	11	17	10	651	22	125	504
Texas.....	177	67	72	38	3,461	161	707	2,593
Mountain.....	82	39	30	13	2,646	75	245	2,326
Montana.....	1	1	...	...	(D)	(D)	...	...
Idaho.....	5	3	2	...	25	(D)	(D)	...
Wyoming.....	2	2	...	...	(D)	(D)	...	...
Colorado.....	39	16	19	4	346	(D)	153	100-249
New Mexico.....	3	3	...	...	6	6	...	...
Arizona.....	17	7	3	7	2,144	12	23	2,109
Utah.....	13	6	5	2	112	(D)	46	50-99
Nevada.....	2	1	1	...	(D)	(D)	(D)	...
Pacific.....	894	384	305	205	19,752	858	2,946	15,948
Washington.....	52	27	10	15	1,282	61	107	1,114
Oregon.....	45	25	12	8	420	52	97	271
California.....	797	332	283	182	18,050	745	2,742	14,565

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Selected Metalworking Operations by Divisions and States: 1958—Continued

Division and State	Distribution by number of production workers in the operation							
	Establishments				Employment in the specified operation			
	Total	Number of production workers			Total	Number of production workers		
		1-4	5-19	20 or more		1-4	5-19	20 or more
	PAINTING, LACQUERING, AND ENAMELING							
United States, total.....	9,181	6,410	2,003	768	102,954	11,921	17,611	73,422
New England.....	724	520	161	43	4,396	984	1,389	2,023
Maine.....	27	14	12	1	229	(D)	98	100-249
New Hampshire.....	34	24	9	1	155	(D)	83	20-49
Vermont.....	16	10	5	1	93	(D)	48	20-49
Massachusetts.....	355	274	61	20	1,702	487	521	694
Rhode Island.....	41	31	8	2	191	(D)	87	20-49
Connecticut.....	251	167	66	18	2,026	338	552	1,136
Middle Atlantic.....	1,988	1,357	445	186	16,510	2,563	4,023	9,924
New York.....	863	584	200	79	6,597	1,115	1,840	3,642
New Jersey.....	431	296	98	37	4,113	562	929	2,622
Pennsylvania.....	694	477	147	70	5,800	886	1,254	3,660
East North Central.....	3,043	2,006	753	284	33,633	3,772	6,773	23,088
Ohio.....	871	583	218	70	8,403	1,103	2,001	5,299
Indiana.....	366	221	106	39	4,756	432	925	3,399
Illinois.....	862	586	198	78	8,825	1,051	1,685	6,089
Michigan.....	578	376	142	60	7,250	721	1,351	5,178
Wisconsin.....	366	240	89	37	4,399	465	811	3,123
West North Central.....	766	558	149	59	9,349	1,021	1,256	7,072
Minnesota.....	184	139	39	6	786	244	329	213
Iowa.....	173	123	36	14	1,297	246	307	744
Missouri.....	252	172	51	29	6,209	306	441	5,462
North Dakota.....	5	4	1	...	17	(D)	(D)	...
South Dakota.....	5	5	...	...	9	9	...	...
Nebraska.....	52	41	8	3	209	(D)	(D)	72
Kansas.....	95	74	14	7	822	126	115	581
South Atlantic.....	592	417	120	55	16,419	801	1,013	14,605
Delaware.....	18	11	4	3	411	15	36	360
Maryland.....	121	79	18	24	8,028	167	156	7,705
District of Columbia.....	5	4	1	...	13	(D)	(D)	...
Virginia.....	60	42	12	6	731	86	101	544
West Virginia.....	38	23	8	7	539	45	78	416
North Carolina.....	104	81	19	4	432	141	177	114
South Carolina.....	21	16	4	1	124	(D)	34	50-99
Georgia.....	98	63	29	6	5,594	138	233	5,223
Florida.....	127	98	25	4	547	179	(D)	100-249
East South Central.....	297	181	74	42	4,323	370	670	3,283
Kentucky.....	79	47	21	11	1,601	100	184	1,317
Tennessee.....	99	56	25	18	1,800	112	246	1,442
Alabama.....	79	51	18	10	622	101	144	377
Mississippi.....	40	27	10	3	300	57	96	147
West South Central.....	501	371	106	24	2,623	712	901	1,010
Arkansas.....	24	16	8	...	99	37	62	...
Louisiana.....	53	33	14	6	397	(D)	118	100-249
Oklahoma.....	92	78	13	1	285	(D)	122	20-49
Texas.....	332	244	71	17	1,842	478	599	765
Mountain.....	144	120	19	5	517	213	150	154
Montana.....	2	2	...	...	(D)	(D)	...	...
Idaho.....	11	9	1	1	49	12	(D)	(D)
Wyoming.....	1	1	...	...	(D)	(D)	...	...
Colorado.....	65	57	8	...	161	100	61	...
New Mexico.....	10	10	...	...	16	16	...	...
Arizona.....	21	13	4	4	187	24	(D)	100-249
Utah.....	31	26	5	...	89	51	38	...
Nevada.....	3	2	1	...	9	(D)	(D)	...
Pacific.....	1,126	880	176	70	15,184	1,485	1,436	12,263
Washington.....	99	82	12	5	631	133	(D)	250-499
Oregon.....	67	54	11	2	224	94	(D)	20-49
California.....	960	744	153	63	14,329	1,258	1,242	11,829

Note: By definition, the nature of the manufacturing operations performed by establishments classified in the foundry, forging, and polishing and planting industries implies that the establishments classified in these industries are engaged in the specified metalworking operations. Accordingly, the reporting forms for these industries either did not include a metalworking operations inquiry or included only an abbreviated inquiry on such activities. The number of establishments and production workers in these industries are shown by State in separate columns in the above table as part of the related metalworking operation. Data are not available on the distribution of these establishments by number of production workers engaged in metalworking operations. However, a distribution of total employment of establishments in each of these industries may be obtained by reference to the 1958 Census of Manufactures, Volume I: Summary Statistics, or to the specific industry in Volume II: Industry Statistics.

D Withheld to avoid disclosing figures for individual companies. ¹The metalworking inquiry for the foundry industries did not request information on foundry or die casting operations. These figures represent the total number of establishments and, where publishable, the number of production workers classified in the foundry industries in each State. These establishments may be engaged in foundry operations (except die casting), die casting, or both. ²These figures represent the total number of establishments and, where publishable, the number of production workers classified in the forgings industries in each State. These establishments may be engaged in ferrous forging operations, nonferrous forging operations, or both. ³These figures represent the total number of establishments and, where publishable, the number of production workers classified in the plating and polishing industry. Most of these establishments perform electroplating operations.

SELECTED METALWORKING OPERATIONS

8-45

Table 2A.—Coverage of Employment in Selected Metalworking Operations, by Divisions and States: 1958

Division and State	Total number of production workers in establishments reporting on the metalworking operations inquiry as a percent of total employment for the State ¹ (percent)	Division and State	Total number of production workers in establishments reporting on the metalworking operations inquiry as a percent of total employment for the State ¹ (percent)
United States, total.....	90-95	South Atlantic--Continued	
New England.....	over 95	District of Columbia.....	70-75
Maine.....	90-95	Virginia.....	90-95
New Hampshire.....	over 95	West Virginia.....	over 95
Vermont.....	over 95	North Carolina.....	85-90
Massachusetts.....	90-95	South Carolina.....	85-90
Rhode Island.....	over 95	Georgia.....	90-95
Connecticut.....	over 95	Florida.....	80-85
Middle Atlantic.....	90-95	East South Central.....	over 95
New York.....	80-85	Kentucky.....	over 95
New Jersey.....	over 95	Tennessee.....	over 95
Pennsylvania.....	over 95	Alabama.....	over 95
East North Central.....	over 95	Mississippi.....	over 95
Ohio.....	over 95	West South Central.....	90-95
Indiana.....	over 95	Arkansas.....	85-90
Illinois.....	90-95	Louisiana.....	85-90
Michigan.....	over 95	Oklahoma.....	85-90
Wisconsin.....	90-95	Texas.....	90-95
West North Central.....	over 95	Mountain.....	over 95
Minnesota.....	90-95	Montana.....	90-95
Iowa.....	over 95	Idaho.....	85-90
Missouri.....	over 95	Wyoming.....	70-75
North Dakota.....	85-90	Colorado.....	80-85
South Dakota.....	75-80	New Mexico.....	70-75
Nebraska.....	90-95	Arizona.....	over 95
Kansas.....	over 95	Utah.....	90-95
South Atlantic.....	90-95	Nevada.....	over 95
Delaware.....	90-95	Pacific.....	90-95
Maryland.....	over 95	Washington.....	over 95
		Oregon.....	85-90
		California.....	90-95

¹The coverage ratios show the relationship of the total number of establishments and employees for plants which reported one or more of the selected metalworking operations to the total number of establishments and employees in the same State or division. In each instance the employment ratio is computed on the basis of the total employment of plants answering the metalworking inquiry rather than the number of production workers engaged in metalworking operations.



SELECTED COSTS AND BOOK
VALUE OF FIXED ASSETS

9-1

Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and Depreciation and Book Value of Depreciable Assets: 1957

I. GENERAL

This report provides information on selected costs and asset values in manufacturing. None of these items have been included in the Census of Manufactures in the past half century. The data were collected in a special sample survey "Supplementary Inquiries for 1957" conducted by the Bureau of the Census as part of the 1958 Census of Manufactures program. One table shows these data by individual industry and the other by State with major industry group detail.

The report form, MC-D11, was mailed to approximately 50,000 establishments that were included in the 1957 Annual Survey of Manufactures. The industry classification assigned to each establishment for tabulation purposes was the same as that used in tabulating the 1957 Annual Survey. Similarly, other related information such as its weight in the sample and the physical location were the same for both the Annual Survey and this survey.

Estimates derived from this survey showed that manufacturers spent approximately \$6 billion, over and above their payroll of \$76.4 billion, for employee supplements that were not paid directly to their employees but would generally provide them with insurance, savings, or benefits at some future date. These expenditures represented approximately \$2.6 billion for legally required employee insurance plans (old-age and survivors insurance, unemployment insurance, and workmen's compensation) plus \$3.4 billion for various types of employee pensions, health plans, stock purchase plans, etc.

Other data compiled from reports submitted in this survey indicate that approximately \$9.0 billion were spent for the maintenance and repair of the plant, machinery, equipment, and grounds of manufacturing establishments. Almost 50 percent of this amount was in the form of salaries and wages to employees on the payroll of the manufacturing establishment. The balance, or about \$4.5 billion, was spent for materials and supplies used in maintenance and repair activities plus the cost of maintenance and repair services purchased from other business establishments.

Amounts expended for other significant costs incurred by operating manufacturing establishments include \$667 million for insurance premiums covering all types of insurance, except those included under the employee insurance plans; \$1.4 billion for rental payments for plant and equipment; and \$1.5 billion for tax payments on land, structures, equipment, and inventories.

Information is also included in this report on the book value of the fixed assets of manufacturing plants at the end of 1957 and the accumulated depreciation of assets through 1956. The gross book value of depreciable assets owned by manufacturing establishments in the United States at the end of 1957 amounted to \$110.5 billion. This is the book value and not the current value of assets or the replacement costs. The accumulated allowable depreciation through the end of 1956 for assets on the books at that time amounted to \$48.3 billion and the depreciation charges in 1957 amounted to \$7.3 billion. It should be noted that these figures will not yield a precise measure of net book value of assets at the end of 1957. Assets retired or sold during 1957 will ordinarily be out of the fixed asset total for the end of 1957 but will be in the figure for accumulated depreciation at the end of 1956.

II. ESTABLISHMENTS COVERED IN THE SURVEY

A. Definition of Manufacturing Establishment

Following previous Census and Annual Survey procedures, reports were collected from individual manufacturing establishments. The term "establishment" denotes a single plant or factory in which manufacturing operations are performed. A company that operated more than one location was required to submit a separate establishment report for each location. In some instances, companies engaged in distinctly different lines of activity at one location were requested to submit separate reports for these activities if the plant records permitted such a separation and the operations were substantial in size. For single establishment companies, the reporting establishment is identical with the company.

B. Industry Classification of Establishment

The industrial classification of an establishment is usually determined by the products produced and in some instances is based on materials consumed or process of manufacture. Since this type of information was not obtained on the report form used for this survey, the industry code derived for the corresponding establishment in the 1957 Annual Survey of Manufactures was assigned to the establishment for this survey.

These industry classifications were based on the 1945 Standard Industrial Classification Manual definitions of industries. Most final reports issued as part of the 1958 Census of Manufactures program provide statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC). An explanation of the differences between the two classification systems is included in the Appendix to each of the 1958 Census of Manufactures volumes.

An establishment is classified in an industry generally on the basis of the principal products made. The products made by each establishment are grouped according to the industries in which they are "primary." Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of primary products of any other single industry ("secondary" products). In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed or materials used in making those products.

III. SAMPLING AND ESTIMATING PROCEDURES

As noted previously, the sample panel used for the 1957 Annual Survey of Manufactures was also used for the canvass on the Supplementary Inquiries, Form MC-D11. This panel consisted of a probability sample drawn from the list of all manufacturing establishments included in the 1954 Census of Manufactures, plus lists of new manufacturers obtained from the Bureau of Old-Age and Survivors Insurance. The sample included nearly 50,000 of the approximately 300,000 manufacturing establishments that operated in 1957.

Entire companies, rather than individual plants, were defined as the sampling units, and the selected companies were requested to report for all of their manufacturing establishments. All multi-unit companies having any manufacturing plants of 100 employees or more, and all single-unit companies of that size, were included with certainty (except for Major Group 23, Apparel, and Major Group 27, Printing and Publishing, where 250 employees defined the

certainty class). Smaller companies were sampled at probabilities between 1.0000 and 0.0025. In general, the probability of selection varied with company size, i.e., the larger companies were assigned higher probabilities of selection than the smaller companies, but the specific probability function used varied by industry.

The Annual Survey of Manufactures estimates were calculated by the "difference formula," which linked the current sample data to the complete totals available from the 1954 Census; i.e., estimates of the amount of change since 1954 were calculated from the sample data and added (algebraically) to the 1954 Census totals to obtain 1957 estimates. All estimates of the amount of change were computed by inflating the 1954 and 1957 data differences for the individual sample establishments by the reciprocal of the establishment's probability of selection. The "difference estimates," which take advantage of the relationship between the sample and complete Census data, usually are more precise than simple "reciprocal estimates" obtained by merely inflating each establishment's current data by the reciprocal of its probability of selection.

Most of the items covered by Form MC-D11 were not included in the 1954 Census of Manufactures, so that the difference formula could not be applied directly to them. They were, however, more or less related either to the total wages and salaries or the value added by manufacture figures for which Annual Survey of Manufactures difference estimates were available, and for which 1957 reciprocal estimates could also be derived from the MC-D11 reports. For each of these two items, the ratio of the difference estimate to comparable reciprocal estimate was derived and then used to adjust the reciprocal estimates for related items; i.e., each of the supplementary employee cost estimates - old-age and survivors insurance, unemployment insurance, workmen's compensation premiums, and payments for private pension plans, etc. - was multiplied by the ratio of the two 1957 wage estimates, while the insurance, rent, taxes, assets, and depreciation estimates were multiplied by the ratio of the two 1957 value added estimates. The adjusted estimates developed in this way are comparable, with regard to levels, to the published 1957 Annual Survey of Manufactures estimates, and usually, also, are more precise than the unadjusted estimates derived from the Form MC-D11 figures alone.

Approximate measures of the errors due to sampling in the final published estimates for selected items are shown in separate tables of this report. These measures of sampling vari-

ability of the estimates were calculated from the sample data and take account of the effects of the adjustment procedure that was applied. The approximate reliability of the estimates for which those measures were not explicitly calculated may be judged from the published figures for related items for the same industry. The sampling variability for the estimates of the legally required employee insurance payments generally will lie between those published for the corresponding 1957 Annual Survey of Manufactures employment estimates and those for the estimated payments for private pension plans, etc. For the remaining items, the sampling variability shown is apt to be of the same order of magnitude as those published for other supplementary cost items of approximately equal amounts.

IV. DATA INCLUDED IN THIS REPORT

A. Items Collected in the Survey, "Supplementary Inquiries for 1957," on Form MC-D11.

1. Selected Supplementary Employee Costs--This category consists of specified employee benefits that are generally considered to be deferred rather than current income to employees. It consists solely of the payments, contributions, or allocations by the employer and represents expenditures by concerns in addition to total payroll reported in the Annual Survey of Manufactures and shown in another column of this report.

a. Employer Payments for Legally Required Insurance Plans--Generally the figures requested for each of the three items described below represent a relatively small percent of the total payroll of a manufacturing establishment. However, in order to reduce our processing costs as well as the reporting burden upon the respondent, all information on the form was requested in thousands of dollars. As a consequence, the figures shown for old-age and survivors insurance, unemployment insurance, and workmen's compensation are slightly understated. This understatement occurs because many small establishments have payments of less than \$500 which are rounded to 0. Such cases are not balanced by the lesser number of establishments with payments of \$500 to \$1,000 which were reported as 1 on MC-D11. This understatement is statistically significant only for the relatively few industries with a very large number of small establishments.

i. Old-Age and Survivors Insurance--Represents payments by employers to the Bureau of Old-Age and Survivors Insurance for old-age, survivors and disability insurance. Employers paid at the rate of 2-1/4 percent for the first \$4,200 paid to any one employee during the year 1957.

ii. Unemployment Insurance (State and Federal)--Under the Federal Unemployment Tax Act, a 3-percent tax is levied on the payroll

of employers of four or more workers in industries covered by the Act. Employers with fewer than four employees are also covered by some State laws. Concerns subject to the Federal law are allowed a credit offset of 90 percent of the Federal tax, or 2.7 percent of taxable payrolls, for contributions paid to State agencies under State unemployment insurance laws. All States may adjust employer contribution rates, according to payments.

iii. Workmen's Compensation Premiums--Every State now has a program providing for the protection for workers against work-connected injuries and death. The amount spent by employers to purchase coverage from commercial insurance companies or the amount set aside in a fund for self-insurance for on-the-job injuries is a factor of the amount and length of benefits paid to employees within the particular State.

b. Other Employer Payments or Allocations--The figures shown in the table include employer payments or allocations for private pension plans regardless of method of administration; health and welfare plans--including net insurance premiums on hospital and medical plans, life insurance, and supplementary accident insurance; stock purchase plans in which the employer payment is not subject to withholding tax; thrift or savings plans; supplemental unemployment compensation plans; and deferred profit sharing plans. It excludes any other expenditures not of the type listed above including losses on company operated cafeterias and snack bars; cost of in-plant medical services; cost of free parking lots; discounts on employee purchases; cost of uniforms and other work clothing supplied to employees; and similar expenditures. It also excludes any income earned by funds described above as well as any employee contributions.

The companies were further instructed to report only their contributions to a particular fund but to exclude payments to employees or retired former employees from the fund. However, if payments are made directly to retired employees or their survivors (that do not pass through a fund), they are included in the figures.

In cases where records were kept on a company level instead of for the individual manufacturing establishment, the respondent was permitted to allocate the figures based on the ratio of the payroll to each manufacturing establishment to the total company payroll, unless they had previously developed their own method of allocation.

2. Insurance Premiums Accrued or Paid to Others--Comprises all types of insurance on structures, equipment, inventories, liability, theft, window breakage, etc. It does not in-

clude any insurance protection for employees described in "Item 1 - Selected Supplementary Employee Costs" above as well as charges for company operated self-insurance funds.

3. Expenditures for Maintenance and Repairs on Structures, Grounds, and Equipment.-- This item includes the costs charged to current expense accounts such as cleaning, repair of office equipment and plant machinery, painting, repair of structures, maintenance of grounds, etc. No distinction is made between expenditures made for the maintenance on owned or leased facilities. It excludes expenditures which are charged to a capital account or to a depreciation reserve.

a. Salaries and Wages Paid to Own Employees-- These statistics represent that portion of the total payroll of the manufacturing establishment that was expended for maintenance and repair activities.

b. Other Maintenance and Repair Costs-- All other charges for maintenance and repair activities such as: the cost of materials and supplies used for maintenance and repair activities (these costs are a portion of the figure shown under the column heading, "cost of materials, etc."); and cost of maintenance and repair services purchased from other companies. If the company that provides this service also furnished materials or supplies in conjunction with its operation, the cost of these items is included in the figures.

4. Rental Payments to Others-- These data represent all rental payments for items such as structures, machinery, equipment, tools, etc.

5. Property Tax Payments (or Charges)-- This item covers tax payments on land, structures, equipment, and inventories. It excludes all other taxes such as income taxes, sales taxes, excise taxes, and permit fees.

6. Depreciable or Depletable Assets-- Information for this inquiry was requested on the basis of records maintained at the establishment. Therefore, if the records at the company level and the establishment level differ (for example, declining balance method at the company level and straight line for the establishment), depreciation reported according to the straight line method was acceptable.

a. Gross Book Value of Depreciable or Depletable Assets on December 31, 1957-- The data encompasses all fixed depreciable or depletable assets on the books of the establishment at the end of 1957. The value shown (book value) represents the actual cost of the assets at the time of purchase including all costs incurred in making the asset usable (such as transportation and installation).

b. Depreciation and Depletion-- The figures represent the allowances for depreciation and depletion for the period stated in the column headings of the table. Net value of assets cannot be precisely derived using the value and depreciation data appearing in the table because some of the accumulated depreciation through the end of 1956 may have been against assets which were sold, dismantled, retired, etc., before the end of 1957 and, therefore, are not included in the gross assets figure.

B. Items Collected and Compiled in the 1957 Annual Survey of Manufactures

Selected data items that were included in the published report for the 1957 Annual Survey of Manufactures are also reproduced in this report as a base for reference and comparison. For example, the total payroll for the operating manufacturing plants in an industry is shown so that the selected supplementary employee costs may be compared with it. The reader can also determine what portion of the payroll costs in an industry are devoted to maintenance and repair activities. A description of such annual survey items included in this report follows:

1. Payrolls

This total includes the gross earnings paid in the calendar year 1957 to all employees on the payroll of operating manufacturing establishments. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of armed forces and pensioners carried on the active payroll of manufacturing establishments.

The 1957 Census definition of payrolls is identical to that recommended to all Federal statistical agencies by the Bureau of the Budget. It should be noted that this definition does not include employers' Social Security contributions, or other nonpayroll labor costs such as employees' pension plans, group insurance premiums, and workmen's compensation. The payrolls of separate central administrative offices and auxiliary units of multiestablishment companies are not included in the totals for individual industries or industry groups.

2. Value Added by Manufacture

The standard formula for deriving value added by manufacture is to subtract the cost of materials, supplies and containers, fuel,

purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. This item is referred to as unadjusted value added when it appears in the tables in this report. That measure of value added was adjusted by taking into account the following items: (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year to obtain the adjusted value added by manufacture.

Value added avoids the duplication in the value of shipments figure which results from the use of products of some establishments as materials by others. As such, it is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

3. Value of Shipments

The amount shown as "value of shipments" for each industry total is the net selling value, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. For the tobacco and other industries where excise taxes are important, such taxes are excluded.

Under plant shipments, manufacturers were asked to include, along with receipts for contract work, all items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. Also included were receipts for such miscellaneous activities as the sale of scrap and refuse, installation work by manufacturing plant employees, and repair work. The value of products bought and resold without further processing (merchandising) was obtained as part of this inquiry but was not included in the published industry totals.

4. Cost of Materials

To arrive at the industry total "cost of materials, etc." separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies consumed or put into production in 1957, (b) the amount paid for electric energy purchased, (c) the amount paid

for all fuels consumed for heat, power, or the generation of electricity, and (d) the cost of work done by others on materials or parts furnished by manufacturing establishments (contract work). The total excludes the cost of services such as advertising, insurance, telephone, etc., and developmental, research, and consulting services of other establishments; it also excludes overhead costs, such as depreciation charges, rent, interest, royalties, and materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts.

In the case of costs reported for materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), the respondent was asked to approximate the commercial value of these materials, plus freight and other direct handling charges. For some industries in which there was no satisfactory market counterpart of the transferred material, special instructions were necessary. The respondent was also asked, where possible, to check that such approximated costs exceeded the value of shipments reported by the company's plant producing and transferring the goods only by the addition of freight and other direct charges.

5. Duplication in Cost of Materials and Value of Products

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as Motor Vehicles and Parts, this duplication is not significant within individual industries but arises from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the Food Group and the addition of pulp mills to paper mills in the Paper and Allied Products Group of industries. Estimates of the over-all extent of this duplication indicate that the value of manufactured products exclusive of such duplication--the value of finished manufactures--tends to approximate two-thirds of the total value of products reported in the Census of Manufactures. Because of the unknown and varying amounts of duplication contained in cost of materials and value of products, these figures are not shown for groups of industries or geographic areas and are also eliminated for a small number of individual industries containing serious amounts of duplication.

MANUFACTURES-SUMMARY STATISTICS

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
	All industries, total ³	76,378,993	5,974,362	1,335,410	762,177	501,247	3,375,528	9,010,857	4,539,056	4,471,801
20	Food and kindred products.....	7,142,658	520,824	127,872	67,746	62,207	262,999	777,458	356,619	420,839
21	Tobacco manufactures.....	284,065	29,123	5,886	3,958	919	18,360	23,867	10,616	13,251
22	Textile mill products.....	3,183,279	192,753	63,139	45,068	19,403	65,143	354,325	147,944	206,381
23	Apparel and related products.....	3,663,658	210,332	66,586	57,270	16,262	70,214	97,818	43,273	54,545
24	Lumber and wood products.....	2,110,461	117,430	36,549	24,607	27,131	29,143	292,140	111,157	180,983
25	Furniture and fixtures.....	1,431,976	90,016	25,916	15,942	12,220	35,938	68,692	32,196	36,496
26	Pulp, paper and products.....	2,733,975	201,709	49,134	22,926	21,624	108,025	514,224	238,778	225,446
27	Printing and publishing.....	4,300,502	232,675	67,253	26,688	16,164	122,570	172,213	77,985	94,228
28	Chemicals and products.....	4,089,586	376,321	67,151	29,914	26,268	252,988	909,219	458,714	450,505
29	Petroleum and coal products.....	1,149,941	147,354	18,238	5,562	6,910	116,644	501,225	263,312	237,913
30	Rubber products.....	1,309,851	121,170	22,640	9,819	7,591	81,120	148,681	77,860	70,821
31	Leather and leather goods.....	1,156,661	74,365	22,429	17,776	7,675	26,485	55,027	23,127	31,900
32	Stone, clay, and glass products.....	2,354,451	174,456	41,623	21,993	21,052	89,788	390,859	174,385	216,474
33	Primary metal industries.....	7,018,584	690,460	119,360	57,547	43,504	470,049	2,000,408	1,064,371	936,037
34	Fabricated metal products.....	5,383,103	418,860	94,791	55,940	50,511	217,618	449,876	233,792	216,084
35	Machinery, except electrical.....	9,049,909	715,878	157,403	77,948	59,035	421,492	623,530	326,182	297,648
36	Electrical machinery.....	5,133,431	420,215	92,482	56,907	24,228	246,598	359,730	186,118	173,612
37	Transportation equipment.....	10,486,418	927,386	181,781	116,641	53,434	575,530	986,235	562,950	423,285
38	Instruments and related products.....	1,570,906	118,839	26,200	13,630	6,832	72,177	97,302	53,598	43,704
39	Miscellaneous manufactures (including ordnance).....	2,825,578	194,196	48,977	34,295	18,277	92,647	187,728	96,079	91,649
20	Food and kindred products ⁵	7,142,658	520,824	127,872	67,746	62,207	262,999	777,458	356,619	420,839
201	Meat products.....	1,453,190	101,206	25,763	11,703	12,936	50,804	112,132	60,308	51,824
2011	Meat packing plants.....	1,090,130	77,453	19,210	7,630	9,528	41,085	85,380	49,299	36,081
202	Dairy products.....	1,264,747	82,224	21,901	9,810	10,480	40,033	152,135	49,566	102,569
2024	Ice cream and ices.....	151,324	10,685	2,453	1,418	1,177	5,637	21,752	7,913	13,839
2027	Fluid milk and other products.....	849,019	54,904	15,008	6,188	7,493	26,215	101,549	33,316	68,233
203	Canned and frozen foods.....	655,513	49,263	12,094	11,515	6,839	18,815	79,033	34,313	44,720
2033	Canned fruits and vegetables.....	413,836	33,131	7,952	7,338	4,304	13,537	51,477	22,898	28,579
204	Grain mill products.....	473,559	35,740	8,524	4,083	4,360	18,773	60,537	24,661	35,876
2041	Flour and meal.....	124,496	8,862	2,180	867	1,328	4,487	17,561	7,308	10,253
2042	Prepared animal feeds.....	241,654	15,819	4,588	2,195	2,267	6,769	26,692	9,120	17,572
2043	Cereal breakfast foods.....	60,483	6,911	1,024	449	274	5,164	8,914	4,480	4,434
205	Bakery products.....	1,299,312	91,081	24,246	10,264	9,339	47,232	107,057	60,633	46,424
2051	Bread and related products.....	1,136,495	77,780	20,957	8,368	7,963	40,492	89,536	50,280	39,256
2052	Biscuit and crackers.....	162,817	13,301	3,289	1,896	1,376	6,740	17,521	10,353	7,168
206	Sugar.....	134,110	12,705	2,704	1,672	1,261	7,068	38,088	23,078	15,010
2062	Cane sugar refining.....	79,238	7,268	1,556	672	523	4,517	14,761	9,607	5,154
207	Candy and related products.....	286,222	21,675	5,414	3,779	2,263	10,219	29,285	16,588	12,697
2071	Confectionery products.....	227,956	15,891	4,308	3,083	1,865	6,635	21,311	11,754	9,557
2072	Chocolate and cocoa products.....	35,986	3,651	684	458	288	2,221	4,784	2,795	1,989
2073	Chewing gum.....	22,280	2,133	422	238	110	1,363	3,190	2,039	1,151
208	Beverages.....	978,586	81,858	16,901	9,583	9,394	45,980	107,358	51,087	56,271
2081	Bottled soft drinks.....	378,681	22,995	6,553	3,415	3,790	9,237	35,628	12,307	23,321
2082	Beer and ale.....	455,361	43,636	7,582	3,951	4,547	27,556	54,397	28,814	25,583
2084	Wines and brandy.....	27,403	2,086	504	363	337	882	2,504	1,230	1,274
2085	Distilled liquor.....	99,807	11,034	1,991	1,751	597	6,695	12,133	7,496	4,637
209	Miscellaneous foods.....	597,419	45,072	10,325	5,337	5,335	24,075	91,949	36,385	55,564
2091	Leavening compounds.....	11,737	1,254	278	94	174	778	1,768	1,010	758
2092	Shortening and cooking oils.....	55,008	5,024	897	409	348	3,370	12,104	4,786	7,318
2094	Corn wet milling.....	73,401	5,120	1,248	314	486	3,072	21,396	11,086	10,310
2099	Food preparations, n.e.c.....	312,837	22,846	5,583	3,357	2,482	11,424	45,601	11,105	34,496
21	Tobacco manufactures ⁵	284,065	29,123	5,886	3,958	919	18,360	23,867	10,616	13,251
2111	Cigarettes.....	129,891	17,200	2,752	1,338	315	12,795	11,849	5,023	6,826
2121	Cigars.....	84,714	4,633	1,787	1,418	256	1,172	5,742	2,798	2,944
2131	Chewing and smoking tobacco.....	23,445	2,570	455	300	64	1,751	1,978	1,175	803
22	Textile mill products ⁵	3,183,279	192,753	63,139	45,068	19,403	65,143	354,325	147,944	206,381
221	Woolen and worsted manufactures.....	315,750	20,066	6,173	5,168	2,987	5,738	34,362	13,612	20,750
2213	Woolen and worsted fabrics.....	205,852	13,239	4,069	3,299	1,699	4,172	21,929	7,677	14,252

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-9

and Depreciation and Book Value of Depreciable Assets by Industry: 1957

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ¹	Cost of materials etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
667,436	1,411,235	1,450,375	110,489,215	48,302,020	7,295,331	144,518,305	147,928,554	(*)	(*)	
114,425	187,377	175,568	11,731,396	5,217,305	790,505	16,021,535	16,349,436	(*)	(*)	20
2,662	4,811	9,920	399,509	163,298	20,096	1,233,184	1,245,968	(*)	(*)	21
27,170	50,928	39,361	4,983,556	2,117,158	261,573	5,180,623	5,196,690	(*)	(*)	22
36,674	113,589	19,417	1,005,789	471,340	91,124	5,968,807	6,066,503	(*)	(*)	23
44,181	31,828	50,216	2,917,487	1,317,677	266,934	3,295,567	3,284,511	(*)	(*)	24
18,725	41,159	21,410	1,040,893	429,841	75,632	2,466,649	2,513,910	(*)	(*)	25
27,589	53,703	74,327	7,165,210	2,668,853	382,835	5,642,384	5,724,186	(*)	(*)	26
32,555	121,143	47,481	3,697,638	1,529,791	253,652	7,723,217	7,921,543	(*)	(*)	27
53,792	73,751	119,807	13,105,021	5,753,402	876,771	12,085,764	12,474,386	(*)	(*)	28
21,174	47,629	83,104	7,936,482	3,641,131	487,253	3,008,896	3,249,345	(*)	(*)	29
6,553	17,341	25,679	1,782,368	891,326	110,179	2,380,204	2,462,080	(*)	(*)	30
8,733	31,618	9,278	466,762	229,158	35,244	1,869,630	1,891,636	(*)	(*)	31
23,292	27,256	49,672	5,153,155	2,119,766	332,766	4,810,104	4,980,460	(*)	(*)	32
33,542	53,363	171,313	17,328,552	8,288,794	969,961	13,063,386	13,320,274	(*)	(*)	33
49,579	104,447	100,627	5,713,285	2,366,865	399,654	9,329,236	9,543,780	(*)	(*)	34
59,244	136,806	159,838	9,421,065	4,300,725	679,823	15,442,481	15,977,505	(*)	(*)	35
26,935	85,179	64,733	4,088,737	1,688,904	301,724	9,398,165	9,620,386	(*)	(*)	36
47,094	130,414	178,032	9,302,857	3,857,520	729,374	18,255,153	18,486,135	(*)	(*)	37
8,534	26,211	19,787	1,262,870	434,435	84,791	2,725,616	2,872,262	(*)	(*)	38
24,983	72,682	30,805	1,986,583	814,731	145,440	4,637,704	4,747,558	(*)	(*)	39
114,425	187,377	175,568	11,731,396	5,217,305	790,505	16,021,535	16,349,436	(*)	(*)	20
17,343	33,169	22,421	1,504,642	610,782	106,150	2,503,409	2,523,707	(*)	(*)	201
11,390	23,610	17,461	1,168,343	491,929	70,715	1,832,045	1,833,160	10,717,566	8,956,053	2011
20,647	45,091	29,778	2,063,673	945,155	159,026	2,623,036	2,676,200	(*)	(*)	202
2,991	5,459	4,175	383,001	191,167	29,897	358,575	371,250	842,598	484,023	2024
13,354	32,925	15,610	1,133,819	509,849	91,429	1,702,768	1,742,007	5,011,522	3,308,754	2027
13,368	22,502	18,057	1,144,747	484,837	83,485	1,522,744	1,543,005	(*)	(*)	203
7,924	12,567	11,780	734,171	304,495	55,175	957,590	965,267	2,554,955	1,597,365	2033
11,471	9,923	16,659	1,016,996	446,482	62,448	1,395,813	1,423,514	(*)	(*)	204
3,066	761	5,553	330,647	168,751	13,951	362,266	347,609	1,827,969	1,465,703	2041
6,510	6,694	7,514	484,032	188,776	36,289	647,616	685,873	2,672,507	2,024,891	2042
432	186	1,779	91,920	51,163	4,581	205,442	210,442	386,570	181,128	2043
16,502	26,193	17,441	1,268,574	591,414	100,016	2,372,301	2,482,370	(*)	(*)	205
15,470	23,771	14,031	1,033,265	503,603	85,094	1,914,959	2,014,197	3,528,308	1,613,349	2051
1,032	2,422	3,410	235,309	87,811	14,922	457,342	468,173	856,164	398,822	2052
2,218	1,081	7,124	529,508	268,817	17,159	360,719	363,973	(*)	(*)	206
853	505	2,544	182,702	81,024	6,024	175,577	177,315	976,861	801,284	2062
3,142	9,285	5,271	390,143	185,757	21,870	713,577	723,287	(*)	(*)	207
2,613	8,191	4,002	271,679	125,163	16,843	496,132	500,352	1,130,400	634,268	2071
319	283	862	78,762	41,854	3,184	113,500	117,661	409,702	296,202	2072
210	811	407	39,682	18,740	1,843	103,945	105,274	175,501	71,556	2073
19,352	21,919	38,248	2,308,623	927,157	154,460	2,600,897	2,618,724	(*)	(*)	208
10,907	11,530	11,365	740,933	347,657	76,041	766,213	782,466	1,331,423	565,210	2081
5,314	7,877	18,013	1,183,204	418,595	65,031	1,215,072	1,216,469	2,057,937	842,865	2082
898	1,083	1,534	59,579	25,764	2,846	110,514	115,991	(*)	(*)	2084
2,086	1,552	5,634	246,369	105,470	8,708	451,459	443,669	867,176	415,717	2085
10,382	18,214	20,569	1,504,490	755,841	85,891	1,929,039	1,994,656	(*)	(*)	209
114	25	545	39,591	23,916	1,467	49,953	50,107	77,496	27,543	2091
767	1,483	2,660	241,817	105,793	17,739	202,164	211,433	1,000,868	798,704	2092
764	716	2,680	268,344	123,300	15,097	230,124	232,371	504,118	273,994	2094
5,527	13,011	7,085	425,944	172,185	38,027	962,552	1,000,698	3,443,173	2,480,621	2099
2,662	4,811	9,920	399,509	163,298	20,096	1,233,184	1,245,968	(*)	(*)	21
756	1,492	4,596	235,974	84,755	12,145	904,373	904,773	1,968,771	1,064,398	2111
546	1,533	886	51,118	20,850	2,941	189,180	190,156	355,995	166,815	2121
363	178	871	31,085	15,853	1,317	82,828	83,375	161,831	79,003	2131
27,170	50,928	39,361	4,983,556	2,117,158	261,573	5,180,623	5,196,690	(*)	(*)	22
3,479	5,279	4,783	493,502	207,450	24,718	511,501	492,008	(*)	(*)	221
1,384	1,750	3,216	314,061	128,517	15,270	330,357	314,833	898,251	567 894	2213

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
22	Textile mill products--Continued									
222	Yarn and thread mills.....	292,854	18,698	5,974	4,683	1,339	6,702	37,746	13,090	24,736
2223	Thread mills.....	40,320	2,666	813	592	176	1,085	5,104	2,569	2,535
2224	Yarn mills, cotton system.....	213,146	14,106	4,486	3,337	1,060	5,223	29,175	9,041	20,134
223	Broad-woven fabrics.....	1,049,975	56,834	21,869	12,363	5,071	17,531	143,247	54,880	88,367
2233	Cotton broad-woven fabrics.....	794,417	42,523	16,777	8,622	3,901	13,223	118,275	45,286	72,989
2234	Synthetic broad-woven fabrics.....	255,558	14,311	5,092	3,741	1,170	4,308	24,972	9,594	15,378
2241	Narrow fabric mills.....	86,846	4,919	1,607	1,331	485	1,496	6,431	2,785	3,646
225	Knitting mills.....	669,395	38,517	12,890	11,347	2,492	11,788	39,596	17,816	21,780
2251	Full-fashioned hosiery mills.....	146,087	7,012	2,924	2,015	309	1,764	10,605	5,357	5,248
2252	Seamless hosiery mills.....	167,961	9,062	3,164	3,160	347	2,391	10,424	5,018	5,406
2253	Knit outerwear mills.....	187,375	11,702	3,518	3,290	973	3,921	6,005	2,064	3,941
2254	Knit underwear mills.....	87,390	5,347	1,773	1,473	283	1,818	4,160	2,016	2,144
2256	Knit fabric mills.....	68,932	4,569	1,322	1,160	399	1,688	7,989	3,022	4,967
2261	Finishing textiles, except wool....	301,722	20,545	5,846	3,519	2,992	8,188	40,822	19,657	21,165
227	Carpet and rugs.....	196,662	13,865	3,686	2,989	1,452	5,738	21,869	11,575	10,294
2271	Wool carpets and rugs.....	107,935	7,396	2,058	1,663	743	2,932	11,378	5,583	5,795
2273	Carpets and rugs, except wool....	45,341	2,815	909	925	265	716	4,273	2,230	2,043
2274	Hard-surfaced floor coverings....	43,386	3,654	719	401	444	2,090	6,218	3,762	2,456
228	Hats, except cloth and millinery....	41,071	2,913	815	715	241	1,142	2,193	838	1,355
229	Miscellaneous textile goods.....	229,006	16,396	4,279	2,953	2,344	6,820	28,059	13,771	14,288
2291	Felt goods, n.e.c.....	24,819	1,712	513	328	374	497	2,484	1,063	1,421
2294	Processed textile waste.....	20,284	1,543	387	334	246	576	2,718	1,073	1,645
2295	Coated fabrics, except rubberized..	50,071	3,809	866	382	487	2,074	6,088	2,921	3,167
2298	Cordage and twine.....	39,226	3,426	857	514	349	1,706	4,368	2,232	2,136
2299	Textile goods, n.e.c.....	31,905	2,059	572	433	240	814	4,334	2,279	2,055
23	Apparel and related products ⁵	3,663,658	210,332	66,586	57,270	16,262	70,214	97,818	43,273	54,545
231	Men's and boys' suits and coats....	428,003	29,721	7,991	7,065	1,581	13,084	9,499	4,507	4,992
2311	Men's and boys' suits and coats...	416,915	28,055	7,807	5,910	1,556	12,782	9,425	4,492	4,933
232	Men's and boys' furnishings.....	748,323	42,033	14,413	12,336	2,301	12,983	21,777	10,575	11,202
2321	Men's dress shirts and nightwear..	255,506	14,418	4,998	4,087	686	4,647	7,441	3,781	3,660
2322	Men's and boys' underwear.....	26,664	1,420	471	491	77	381	986	349	637
2323	Men's and boys' neckwear.....	30,286	1,609	488	389	124	608	613	322	291
2327	Separate trousers.....	133,234	7,432	2,643	1,967	321	2,501	3,464	1,848	1,616
2329	Men's and boys' clothing, n.e.c....	245,969	14,054	4,778	4,404	933	3,939	9,310	3,697	4,044
233	Women's and misses' outerwear.....	1,167,736	64,665	20,067	17,376	5,766	21,456	19,777	9,310	10,467
2331	Blouses.....	108,204	6,260	1,991	1,943	490	1,836	1,817	406	1,411
2333	Dresses, unit-price.....	474,701	25,289	7,663	6,095	2,697	8,634	8,045	3,662	4,383
2334	Dresses, dozen-price.....	131,948	7,468	2,497	2,153	430	2,388	3,585	2,091	1,494
2337	Women's suits, coats, and skirts..	359,270	20,578	6,070	5,577	1,683	7,248	4,489	1,986	2,503
234	Women's and misses' outerwear.....	324,220	20,782	6,402	5,774	1,568	7,038	10,460	5,629	4,831
2341	Women's and children's underwear..	206,397	11,551	4,087	3,792	972	2,700	5,865	2,845	3,020
2342	Corsets and allied garments.....	117,823	9,231	2,315	1,982	596	4,338	4,595	2,784	1,811
2351	Millinery.....	68,956	4,160	1,328	1,370	295	1,167	1,800	365	1,435
236	Children's outerwear.....	243,068	13,689	4,643	4,169	956	3,921	7,009	3,120	3,889
2361	Children's dresses.....	87,157	5,022	1,801	1,340	297	1,584	2,510	1,170	1,340
2369	Children's outerwear, n.e.c.....	98,223	4,927	1,742	1,643	434	1,108	3,322	1,489	1,833
238	Miscellaneous apparel.....	174,717	9,858	3,124	3,028	973	2,733	4,271	1,619	2,652
2384	Robes and dressing gowns.....	29,549	1,428	478	465	164	321	369	118	251
2387	Belts.....	37,152	2,311	652	589	246	824	850	285	565
239	Fabricated textiles, n.e.c.....	455,971	23,992	7,815	6,472	2,593	7,112	21,593	7,430	14,163
2391	Curtains and draperies.....	42,193	1,683	602	559	176	346	709	292	417
2392	Housefurnishings, n.e.c.....	121,200	7,091	2,393	2,037	796	1,865	5,954	2,453	3,501
2393	Textile bags.....	36,050	2,521	713	564	307	937	2,017	755	1,262
2399	Textile products, n.e.c.....	71,130	3,290	1,276	885	418	711	3,158	1,161	1,997
24	Lumber and wood products ⁵	2,110,461	117,430	36,549	24,607	27,131	29,143	292,140	111,157	180,983
2411	Logging camps and contractors.....	235,747	10,432	3,249	2,118	3,189	1,876	52,312	14,923	37,389
242	Lumber and basic products.....	1,025,547	57,317	18,058	12,522	14,309	12,428	279,041	68,704	107,687
2421	Sawmills and planing mills.....	964,572	53,677	16,818	11,716	13,476	11,667	169,002	66,352	102,650

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-11

and Depreciation and Book Value of Depreciable Assets by Industry: 1957-Continued

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ²	Cost of materials, etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ³	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
2,059	2,815	4,924	595,652	272,340	27,289	492,339	501,919	(*)	(*)	22
243	540	703	81,900	36,068	3,668	70,905	72,756	197,416	126,511	222
1,382	1,559	3,993	465,670	221,069	19,802	338,448	344,252	1,175,724	837,276	2223
5,479	9,292	15,983	1,907,091	838,032	90,973	1,625,261	1,638,485	(*)	(*)	223
4,211	4,631	12,825	1,460,141	641,000	65,925	1,201,335	1,212,924	2,916,503	1,715,168	2233
1,268	4,661	3,158	446,950	197,032	25,048	423,926	425,561	1,092,215	668,289	2234
1,011	2,325	1,012	86,074	40,459	4,611	138,068	141,661	279,051	140,983	2241
5,424	15,870	6,922	724,201	321,300	53,288	1,104,692	1,114,228	(*)	(*)	225
672	2,689	1,665	224,202	106,841	16,535	210,947	205,504	(*)	(*)	2251
881	2,618	2,048	189,861	78,656	13,530	267,923	271,642	532,275	264,352	2252
2,020	5,799	1,277	111,853	47,059	9,222	312,354	325,670	705,646	393,292	2253
528	1,402	997	69,929	38,813	2,928	147,420	141,691	316,530	169,110	2254
1,213	3,272	829	97,603	41,614	7,573	146,055	149,942	484,090	338,035	2256
3,120	5,893	3,954	491,932	189,617	23,947	459,329	454,070	1,033,224	573,895	2261
2,367	3,633	2,859	338,999	87,073	17,448	379,566	384,778	(*)	(*)	227
580	1,335	1,829	166,480	65,773	8,706	177,458	186,135	(*)	(*)	2271
633	2,096	37	55,078	16,347	3,997	103,495	101,610	303,153	199,658	2273
1,154	202	993	117,441	4,953	4,745	98,613	97,035	176,100	77,487	2274
538	1,549	452	26,180	14,445	1,115	55,801	51,563	(*)	(*)	228
3,693	4,272	4,605	319,925	146,442	18,184	414,066	417,978	(*)	(*)	229
356	401	479	29,607	12,383	1,694	45,507	45,184	110,696	65,189	2291
562	477	470	25,714	9,498	1,472	32,566	35,092	108,166	75,600	2294
612	540	1,084	74,867	31,560	4,235	92,364	94,562	255,801	163,437	2295
816	769	959	64,242	34,167	2,641	76,486	77,759	161,462	84,976	2298
384	669	495	47,149	21,118	3,226	57,077	59,903	130,351	73,274	2299
36,674	113,589	19,417	1,005,789	471,340	91,124	5,968,807	6,066,503	(*)	(*)	23
3,204	7,541	2,518	89,343	46,246	6,055	617,865	618,587	(*)	(*)	231
3,189	7,385	2,513	89,024	46,074	6,028	600,638	601,428	1,269,470	668,832	2311
5,751	17,460	4,463	205,119	101,260	16,358	1,194,011	1,206,297	(*)	(*)	232
2,003	5,116	1,255	69,303	34,505	5,644	435,250	441,804	1,049,538	614,288	2321
189	1,078	161	9,565	4,144	610	41,732	43,527	95,846	54,114	2322
191	749	100	7,393	4,310	535	55,300	56,143	109,812	54,512	2323
1,065	3,268	640	33,884	15,713	2,945	207,073	206,788	459,663	252,590	2327
1,821	5,408	2,041	71,886	35,590	5,462	364,035	367,472	970,178	606,143	2329
12,262	38,908	3,820	198,326	939,182	22,868	1,941,037	1,973,067	(*)	(*)	233
1,191	3,621	332	22,836	10,611	2,431	176,851	182,626	422,977	246,126	2331
4,725	15,425	908	52,226	25,849	7,514	775,940	777,649	1,717,835	941,895	2333
1,082	3,157	718	32,177	16,328	2,553	212,555	214,157	463,804	251,249	2334
4,178	12,597	1,055	65,660	29,063	5,856	603,940	615,687	1,439,518	835,578	2337
3,189	9,929	1,540	119,170	55,431	9,856	593,245	604,374	(*)	(*)	234
2,237	7,064	820	66,174	31,433	6,474	351,593	352,942	881,420	529,827	2341
952	2,865	720	52,996	21,565	3,382	241,652	251,432	454,739	213,087	2342
580	3,164	86	10,857	3,739	1,092	120,190	122,152	209,732	89,542	2351
2,288	8,407	1,112	59,040	25,278	9,410	372,572	375,734	(*)	(*)	236
982	3,004	409	18,996	9,097	1,742	128,056	130,649	303,287	175,231	2361
761	3,216	514	22,991	9,628	5,992	153,968	154,933	339,274	185,306	2369
2,397	7,301	826	56,481	28,607	5,475	297,517	301,649	(*)	(*)	238
570	1,197	33	5,972	3,653	1,124	49,962	48,978	132,479	82,517	2384
333	1,390	71	9,625	5,039	817	56,738	60,583	103,635	46,897	2387
5,636	17,337	4,995	264,807	118,407	19,821	746,447	768,923	(*)	(*)	239
428	1,837	157	10,486	4,497	1,007	70,904	71,979	198,740	127,836	2391
1,343	4,618	1,424	79,151	31,940	5,269	217,352	225,890	624,772	407,420	2392
688	946	856	37,875	19,695	2,306	49,284	50,390	208,116	158,832	2393
988	3,774	607	29,790	11,929	2,658	122,086	125,720	271,076	148,990	2399
44,181	31,828	50,216	2,917,487	1,317,677	266,934	3,295,567	3,284,511	(*)	(*)	24
3,925	4,049	6,306	513,380	229,127	63,160	435,892	429,822	833,336	397,444	2411
24,759	12,214	27,540	1,674,683	732,375	144,935	1,564,029	1,523,569	(*)	(*)	242
23,046	10,866	26,466	1,570,077	702,973	136,142	1,461,767	1,418,641	3,355,655	1,893,888	2421

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employees insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
24	Lumber and wood products--Continued									
243	Millwork and related products.....	494,579	28,444	8,910	5,404	5,457	8,673	34,475	15,877	18,598
2431	Millwork plants.....	281,315	15,021	4,762	2,453	2,782	5,024	11,180	4,928	6,252
2432	Plywood plants.....	164,760	10,571	3,296	2,262	2,143	2,670	20,446	9,775	10,671
2433	Prefabricated wood products.....	48,504	3,052	852	689	532	979	2,849	1,174	1,675
244	Wooden containers.....	131,610	7,524	2,431	1,627	1,539	1,927	11,376	4,759	6,617
2441	Fruit and vegetable baskets.....	16,527	822	319	206	196	101	1,434	533	901
2444	Wooden boxes.....	96,690	5,391	1,789	1,136	1,174	1,292	8,623	3,707	4,916
249	Miscellaneous wood products.....	222,978	13,773	3,942	2,955	2,637	4,239	17,586	6,894	10,692
2491	Wood preserving.....	55,185	4,109	1,049	715	962	1,383	7,452	2,996	4,456
2493	Mirror and picture frames.....	20,554	1,215	371	159	154	531	514	313	201
2499	Wood products, n.e.c.....	140,814	7,931	2,382	2,032	1,432	2,085	9,250	3,384	5,866
25	Furniture and fixtures ⁵	1,431,976	90,016	25,916	15,942	12,220	35,938	68,692	32,196	36,496
251	Household furniture.....	970,298	58,631	17,844	11,098	7,978	21,711	46,391	21,261	25,130
2511	Wood furniture, not upholstered...	436,525	25,895	8,296	5,292	3,980	8,327	21,359	9,902	11,457
2512	Upholstered household furniture...	254,204	14,737	4,565	2,685	1,818	5,669	7,519	2,826	4,693
2514	Metal household furniture.....	139,885	9,058	2,560	1,863	1,179	3,456	10,678	5,700	4,978
2515	Mattresses and bedsprings.....	133,404	8,639	2,320	1,170	956	4,193	6,545	2,733	3,812
252	Office furniture.....	118,416	9,463	2,140	1,130	948	5,245	5,653	3,124	2,529
2521	Wood office furniture.....	21,754	1,551	386	200	177	788	1,359	435	924
2522	Metal office furniture.....	96,662	7,912	1,754	930	771	4,457	4,294	2,689	1,605
253	Public and professional furniture...	102,856	6,725	1,759	1,112	798	3,056	4,843	2,382	2,461
2531	Public-building furniture.....	63,184	3,711	1,073	594	480	1,559	3,110	1,518	1,592
2541	Partitions and fixtures.....	158,576	10,708	2,837	1,607	1,927	4,337	6,029	3,164	2,865
26	Pulp, paper and products ⁵	2,733,975	201,709	49,134	22,926	21,624	108,025	514,224	238,778	275,446
261	Pulp, paper, and board.....	1,202,039	95,846	21,690	8,759	9,137	56,260	368,173	172,524	195,649
2641	Paper coating and glazing.....	155,614	12,120	2,681	1,066	1,114	7,259	21,187	10,665	10,522
2661	Paper bags.....	162,176	9,977	3,102	1,636	1,188	4,051	16,529	8,321	8,208
267	Paperboard containers.....	689,948	46,050	12,650	6,674	6,323	20,403	62,189	24,402	37,787
2671	Paperboard boxes.....	644,364	42,850	11,632	6,085	5,957	19,176	57,017	22,832	34,185
2674	Fiber cans, tubes, drums, etc.....	45,584	3,200	1,018	589	366	1,227	5,172	1,570	3,602
269	Pulp, paper and products, n.e.c....	434,926	31,846	7,528	4,005	3,388	16,925	40,915	21,107	19,808
2691	Die-cut paper and board.....	62,513	4,419	1,078	763	434	5,626	6,247	2,647	2,979
2699	Paper and board products, n.e.c....	345,127	25,480	5,987	2,979	2,732	13,782	31,408	16,235	15,173
27	Printing and publishing ⁵	4,300,502	232,675	67,253	26,688	16,164	122,570	172,213	77,985	94,228
2711	Newspapers.....	1,519,917	82,738	24,659	7,090	5,286	46,703	58,641	31,401	27,240
2721	Periodicals.....	345,413	24,952	5,585	2,255	984	16,128	10,972	4,689	6,283
273	Books.....	304,969	19,107	4,777	2,155	1,145	11,030	13,859	5,211	8,648
2731	Books: publishing and printing...	189,809	12,791	3,100	1,289	476	7,926	6,734	3,043	3,691
2732	Book printing.....	115,160	6,316	1,677	866	669	3,104	7,125	2,168	4,957
2751	Commercial printing.....	1,063,595	49,403	15,696	7,186	4,016	22,505	53,659	23,056	30,603
2761	Lithographing.....	449,690	22,566	6,968	3,175	2,017	10,406	19,080	7,231	11,849
278	Bookbinding and related industries..	152,941	9,590	2,803	1,633	1,027	4,127	5,209	2,307	2,902
2781	Bookbinding.....	73,943	4,334	1,415	899	508	1,512	2,008	847	1,161
279	Printing trade services.....	300,487	12,099	4,249	1,751	1,018	5,081	7,562	2,956	4,606
28	Chemicals and products ⁵	4,089,586	376,321	67,151	29,914	26,268	252,988	909,219	458,714	450,505
281	Inorganic chemicals.....	691,686	62,918	11,314	4,716	4,323	42,565	201,068	103,815	97,253
2811	Sulfuric acid.....	19,458	1,446	326	128	124	868	11,533	4,568	6,965
2812	Alkalies and chlorine.....	119,734	9,509	1,950	648	900	6,011	55,260	27,866	27,394
2819	Inorganic chemicals, n.e.c.....	552,494	51,962	9,038	3,940	3,299	35,685	134,275	71,381	62,894
282	Organic chemicals.....	1,480,494	156,812	23,923	10,482	8,276	114,131	434,836	225,555	209,281
2822	Intermediate and organic colors...	200,605	21,730	2,968	1,463	1,429	15,870	71,635	32,960	38,675
2823	Plastics materials.....	296,788	31,368	4,912	2,208	1,750	22,498	67,449	33,527	33,922
2824	Synthetic rubber.....	63,990	6,649	975	346	405	4,923	23,756	14,271	9,485

See footnotes at end of table.

and Depreciation and Book Value of Depreciable Assets by Industry: 1957-Continued

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ¹	Cost of materials, etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
7,795	9,213	8,936	437,112	185,936	34,040	723,347	749,994	(⁴)	(⁴)	24
4,708	5,724	4,921	188,923	88,572	14,378	392,211	419,704	916,891	524,680	243
2,059	1,539	3,259	208,103	82,241	16,434	239,661	237,143	558,551	318,890	2431
1,028	1,950	756	40,086	15,123	3,228	91,475	93,146	276,946	155,471	2432
2,616	2,500	2,145	121,014	62,369	9,167	213,445	209,679	(⁴)	(⁴)	244
267	114	182	9,834	5,739	664	22,261	22,026	36,941	14,680	2441
1,994	2,148	1,684	91,816	46,440	7,556	163,499	159,690	319,922	156,423	2444
5,086	3,852	5,289	208,687	107,870	15,632	358,854	371,447	(⁴)	(⁴)	249
1,652	984	1,896	83,306	56,339	5,407	106,129	119,165	262,112	155,983	2491
491	903	40	6,195	2,475	437	34,788	34,859	53,701	18,913	2493
2,852	1,780	3,304	115,325	45,408	9,169	207,986	207,434	411,093	203,107	2499
18,725	41,159	21,410	1,040,893	429,841	75,632	2,466,649	2,513,910	(⁴)	(⁴)	25
12,711	28,452	13,640	693,448	295,066	49,570	1,608,341	1,627,512	(⁴)	(⁴)	251
5,776	8,141	6,267	356,626	151,801	24,180	692,972	702,331	1,308,276	615,304	2511
3,374	9,846	2,635	117,140	44,654	9,470	430,206	435,038	868,914	438,708	2512
1,678	4,939	1,856	113,645	46,852	9,444	230,089	234,478	518,294	288,205	2514
1,799	5,106	2,943	103,429	52,113	6,258	245,976	246,649	533,222	287,246	2515
988	2,249	2,267	99,818	36,237	6,522	242,445	248,078	(⁴)	(⁴)	252
215	181	329	19,451	8,624	1,116	35,155	35,411	61,479	26,324	2521
773	2,068	1,938	80,367	27,613	5,406	207,290	212,667	315,753	108,463	2522
1,358	1,876	1,799	72,240	26,081	5,062	175,733	181,923	(⁴)	(⁴)	253
1,123	1,380	1,053	41,857	15,619	3,260	104,414	109,627	193,043	88,629	2531
2,740	4,864	1,957	100,436	41,929	8,756	272,526	277,670	473,942	201,416	2541
27,589	53,703	74,327	7,165,210	2,668,853	382,835	5,642,384	5,724,186	(⁴)	(⁴)	26
13,937	7,260	45,523	5,118,848	1,916,083	254,634	2,759,932	2,780,890	(⁴)	(⁴)	261
1,476	3,400	3,862	227,217	82,881	13,750	339,667	350,201	816,712	477,045	2641
1,455	4,681	2,520	227,089	76,248	13,894	308,234	318,851	851,983	543,749	2661
7,012	24,838	12,733	880,046	331,931	55,745	1,162,223	1,175,367	(⁴)	(⁴)	267
6,278	23,036	12,107	833,808	316,964	52,991	1,084,048	1,095,454	2,699,145	1,615,097	2671
734	1,802	626	46,238	14,967	2,754	78,175	79,913	168,588	90,413	2674
3,102	10,519	8,343	637,932	231,550	41,115	924,970	946,084	(⁴)	(⁴)	269
754	2,819	1,070	72,756	26,770	4,203	116,564	119,053	244,613	128,049	2691
2,161	6,840	6,582	500,204	179,779	33,547	750,899	768,508	1,796,478	1,045,579	2699
32,555	121,143	47,481	3,697,638	1,529,791	253,652	7,723,217	7,921,543	(⁴)	(⁴)	27
12,713	28,175	11,615	1,405,430	550,148	79,913	2,594,610	2,597,614	3,703,948	1,109,338	2711
1,181	13,477	2,864	193,115	86,208	11,725	948,701	971,471	1,630,173	681,472	2721
2,303	11,469	2,551	253,216	120,612	19,098	718,568	750,937	(⁴)	(⁴)	273
1,467	6,556	1,888	161,248	79,619	13,481	529,448	560,039	879,998	350,550	2731
836	4,913	663	91,968	40,993	5,617	189,120	190,898	281,319	92,199	2732
8,516	28,428	13,617	1,099,421	460,041	74,717	1,695,738	1,801,236	2,803,729	1,107,991	2751
3,840	14,964	4,781	411,712	164,840	35,106	727,807	753,456	1,207,662	479,855	2761
954	7,568	1,409	94,757	42,725	6,351	247,618	250,863	(⁴)	(⁴)	278
516	5,425	148	38,591	15,132	3,193	105,446	107,215	143,166	37,720	2781
2,163	9,575	1,192	163,604	85,687	11,891	430,848	431,411	(⁴)	(⁴)	279
53,792	73,751	119,807	13,105,021	5,753,402	876,771	12,085,764	12,474,386	(⁴)	(⁴)	28
6,845	15,045	18,816	2,404,232	993,939	149,496	1,830,423	1,850,945	(⁴)	(⁴)	281
429	433	1,529	154,155	75,982	10,603	69,083	71,646	146,218	77,135	2811
1,566	6,671	5,976	768,866	337,810	41,182	309,074	314,346	496,583	187,509	2812
4,850	7,941	11,311	1,481,211	580,147	97,711	1,452,266	1,464,953	2,714,129	1,261,863	2819
15,167	19,517	44,220	6,420,597	2,971,917	460,894	4,167,925	4,264,087	(⁴)	(⁴)	282
2,255	3,703	7,973	856,065	379,274	63,631	495,682	511,372	967,029	471,347	2822
2,960	4,972	9,186	1,076,648	428,062	86,857	815,463	835,439	1,775,246	959,783	2823
678	271	2,962	291,616	66,518	23,390	226,369	230,121	608,790	382,421	2824

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employees insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
28	Chemicals and products--Continued									
282	Organic chemicals--Continued									
2825	Synthetic fiber.....	318,757	33,566	5,811	2,659	853	24,243	60,415	35,687	24,728
2826	Explosives.....	111,167	9,016	1,944	1,218	1,053	4,801	34,520	19,121	15,399
2829	Organic chemicals, n.e.c.....	478,840	53,473	7,118	2,479	2,660	41,216	177,321	90,625	86,896
283	Drugs and medicines.....	513,134	46,969	9,045	3,637	2,518	31,769	56,126	30,563	25,563
2834	Pharmaceutical preparations.....	433,163	39,947	7,568	2,878	2,115	27,296	43,735	25,118	18,617
284	Soap and related products.....	256,561	23,289	3,895	1,695	1,340	16,359	32,519	16,851	15,668
2841	Soap and glycerin.....	143,981	15,354	2,247	874	651	11,582	18,928	10,416	8,512
2842	Cleaning and polishing products...	96,909	6,630	1,412	711	569	3,938	12,988	6,104	6,884
285	Paints and allied products.....	381,885	27,882	6,079	2,260	2,619	16,924	42,835	22,460	20,375
2851	Paints and varnishes.....	304,056	21,467	4,763	1,865	1,868	12,971	19,014	9,034	9,980
2852	Inorganic color pigments.....	69,763	6,152	1,185	392	694	3,881	23,481	13,211	10,270
287	Fertilizers.....	123,087	9,710	2,280	1,348	1,529	4,553	30,671	12,466	18,205
2871	Fertilizers.....	78,372	6,708	1,476	887	1,057	3,288	25,226	10,495	14,731
2872	Fertilizers, mixing only.....	44,715	3,002	804	461	472	1,265	5,445	1,971	3,474
288	Vegetable and animal oils.....	162,826	11,916	2,873	1,848	1,937	5,258	41,054	14,351	26,703
2881	Cottonseed oil mills.....	36,265	2,604	698	636	331	939	10,284	2,948	7,036
2886	Grease and tallow.....	55,862	3,800	936	508	814	1,542	11,239	3,477	7,762
2887	Fatty acids.....	12,189	920	181	86	91	562	3,272	1,741	1,531
289	Chemical products, n.e.c.....	451,011	35,066	7,304	3,797	3,224	20,741	58,222	26,912	31,310
2891	Printing ink.....	45,031	2,717	708	437	366	1,206	3,432	1,480	1,952
2893	Toilet preparations.....	126,986	9,444	2,125	1,331	791	5,197	9,107	4,768	4,339
2894	Glue and gelatin.....	34,734	2,498	560	282	299	1,357	4,334	1,859	2,475
2896	Compressed and liquefied gases....	48,664	4,156	803	335	391	2,627	9,533	4,219	5,314
2899	Chemical products, n.e.c.....	125,312	9,472	1,906	904	811	5,851	14,067	6,378	7,689
29	Petroleum and coal products ⁵	1,149,941	147,354	18,238	5,562	6,910	116,644	501,225	263,312	237,913
2911	Petroleum refining.....	979,262	134,835	15,227	3,611	5,105	110,892	471,664	251,746	219,918
295	Paving and roofing materials.....	112,214	8,058	1,971	1,512	1,428	3,147	23,079	8,536	14,543
299	Petroleum and coal products, n.e.c..	58,465	4,461	1,040	439	377	2,605	6,482	3,030	3,452
2992	Lubricants, n.e.c.....	45,672	3,407	764	304	232	2,107	4,141	2,372	1,769
30	Rubber products ⁵	1,309,851	121,170	22,640	9,819	7,591	81,120	148,681	77,860	70,821
3011	Tires and inner tubes.....	556,893	52,848	8,931	2,698	2,412	38,807	69,795	38,448	31,347
3021	Rubber footwear.....	81,635	8,443	1,601	1,145	584	5,113	6,101	2,717	3,384
3031	Reclaimed rubber.....	13,965	1,400	244	87	101	968	2,235	1,193	1,042
3099	Rubber industries, n.e.c.....	657,358	58,479	11,864	5,889	4,494	36,232	70,550	35,502	35,048
31	Leather and leather goods ⁵	1,156,661	74,365	22,429	17,776	7,675	26,485	55,027	23,127	31,900
3111	Leather tanning and finishing.....	171,071	12,680	3,335	1,859	1,785	5,701	18,757	8,186	10,571
3131	Footwear cut stock.....	66,538	3,921	1,204	934	759	1,024	3,016	1,290	1,726
314	Footwear, except rubber.....	718,280	44,314	14,303	12,114	3,788	14,109	27,559	11,679	15,880
3141	Footwear, except rubber.....	680,055	41,737	13,545	11,374	3,492	13,326	26,370	11,068	15,302
3142	House slippers.....	38,225	2,577	758	740	296	783	1,189	611	578
3161	Luggage.....	57,867	3,549	1,067	746	387	1,349	1,671	806	865
317	Purses and small leather goods.....	88,512	5,206	1,579	1,579	673	1,375	2,014	802	1,212
3171	Handbags and purses.....	66,602	3,808	1,153	1,162	508	985	1,450	507	943
3172	Small leather goods.....	21,910	1,398	426	417	165	390	564	295	269
32	Stone, clay, and glass products ⁵	2,354,451	174,456	41,623	21,993	21,052	89,788	390,859	174,385	216,474
3211	Flat glass.....	163,356	15,143	2,670	1,241	1,093	10,139	27,792	17,824	9,968
322	Pressed and blown glassware.....	442,341	31,182	8,183	5,015	2,188	15,796	65,225	29,621	35,604
3221	Glass containers.....	238,254	17,104	4,439	2,454	1,250	8,961	37,361	15,522	21,839
3229	Pressed and blown glass, n.e.c.....	204,087	14,078	3,744	2,561	938	6,835	27,864	14,099	13,765
3231	Products of purchased glass.....	103,548	5,720	1,702	929	780	2,309	7,551	4,444	3,107
3241	Cement, hydraulic.....	203,610	20,923	3,797	1,163	1,653	14,310	81,071	37,533	43,538

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-15

and Depreciation and Book Value of Depreciable Assets by Industry: 1957-Continued

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ¹	Cost of materials, etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
1,536	1,710	6,436	1,457,283	726,714	90,643	826,643	850,836	1,456,583	629,940	28
826	281	1,073	175,493	68,161	6,567	181,808	184,641	319,756	137,948	282
6,543	7,977	16,136	2,527,651	1,272,300	187,276	1,596,776	1,625,168	3,026,918	1,430,142	2825
5,053	7,453	12,541	940,232	356,929	50,590	1,915,354	1,975,413	(*)	(*)	2826
4,044	6,363	10,825	699,714	262,424	34,216	1,690,292	1,730,149	2,305,011	614,719	2829
3,052	5,738	7,197	520,478	197,080	26,396	982,734	1,036,639	(*)	(*)	283
1,138	2,079	4,867	348,831	138,421	14,518	626,621	655,180	1,149,897	523,276	2834
1,868	3,979	2,051	149,503	48,470	11,157	329,044	352,732	658,225	329,181	284
4,777	7,127	10,484	668,277	303,857	40,096	989,028	1,019,137	(*)	(*)	2841
4,213	6,809	8,582	376,523	168,589	20,772	746,063	755,797	1,719,595	973,532	2842
503	258	1,870	287,175	152,475	18,689	224,348	243,681	424,567	200,219	285
3,576	1,824	6,004	377,255	153,757	27,682	263,849	276,342	(*)	(*)	2851
2,063	1,003	4,314	280,563	120,174	20,227	182,490	182,820	541,392	358,902	2852
1,513	821	1,690	96,692	33,583	7,455	81,359	93,522	337,244	255,885	287
6,612	4,150	7,410	636,505	268,783	45,313	402,098	416,527	(*)	(*)	2871
2,111	974	2,335	190,326	87,467	11,976	92,870	96,589	489,355	396,485	2872
1,803	867	1,155	95,035	46,061	8,215	121,526	121,198	266,144	144,618	288
302	148	468	46,994	16,141	2,655	27,939	36,526	74,368	46,429	2881
7,342	12,257	11,582	965,302	416,253	63,651	1,471,196	1,569,704	(*)	(*)	2886
434	1,590	836	46,208	18,100	2,790	100,330	102,159	228,693	128,363	289
1,822	4,569	2,325	136,313	42,870	7,913	578,269	629,286	870,615	292,346	2891
654	896	1,268	59,969	28,970	2,832	78,091	79,564	167,636	89,545	2893
1,099	874	1,760	248,138	117,063	15,222	145,588	157,002	217,580	71,992	2894
2,196	2,696	3,011	220,688	80,870	17,630	352,016	390,196	710,141	358,125	2896
21,174	47,629	83,104	7,936,482	3,641,131	487,253	3,008,896	3,249,345	(*)	(*)	2899
17,087	41,439	77,732	7,599,789	3,492,080	462,832	2,648,433	2,868,179	14,920,173	12,271,740	29
2,889	4,721	3,516	247,651	99,355	18,450	247,861	257,775	(*)	(*)	2911
1,198	1,469	1,856	89,042	49,696	5,971	112,602	123,391	(*)	(*)	295
963	1,228	1,543	61,055	30,786	4,425	95,577	105,415	262,368	166,791	299
6,553	17,341	25,679	1,782,368	891,326	110,179	2,380,204	2,462,080	(*)	(*)	2992
1,597	7,371	12,978	900,688	485,344	56,183	1,066,806	1,118,060	2,295,173	1,228,367	30
287	899	843	66,219	34,535	3,251	145,092	144,844	219,466	74,374	3011
79	59	358	38,661	17,252	1,922	25,388	25,110	46,504	21,116	3021
4,590	9,012	11,500	776,845	354,195	48,823	1,142,918	1,174,066	2,094,765	951,847	3031
8,733	31,618	9,278	466,762	229,158	35,244	1,869,630	1,891,636	(*)	(*)	3099
1,900	1,968	2,819	162,332	88,844	9,071	282,693	289,901	737,432	454,739	31
886	2,511	989	29,996	12,886	2,349	108,098	109,125	284,312	176,214	3111
3,975	21,462	3,855	194,152	88,626	17,368	1,136,106	1,145,044	(*)	(*)	3131
3,630	20,053	3,681	182,862	82,047	16,487	1,075,742	1,083,996	2,043,805	968,063	314
345	1,409	174	11,290	6,579	881	60,364	61,048	123,974	63,610	3141
670	1,612	701	35,732	20,404	2,063	106,270	105,148	197,508	91,238	3142
839	2,597	333	19,842	9,306	2,170	148,277	147,839	(*)	(*)	3161
707	1,951	233	13,981	6,251	1,640	107,633	106,590	211,972	104,339	317
132	646	100	5,861	3,055	530	40,644	41,249	69,570	28,926	3171
23,292	27,256	49,672	5,153,155	2,119,766	332,766	4,810,104	4,980,460	(*)	(*)	3172
379	206	2,048	388,137	160,018	28,495	313,490	315,863	458,038	144,548	32
2,750	4,610	5,578	606,390	254,695	40,076	829,478	859,097	(*)	(*)	3211
1,618	1,729	3,474	356,526	144,070	23,952	481,695	502,360	797,141	315,446	322
1,132	2,881	2,104	249,864	110,625	16,124	347,783	356,737	488,886	141,103	3221
850	1,429	1,968	132,181	55,402	13,090	240,597	251,709	445,789	205,192	3229
1,798	928	11,020	1,414,555	527,116	67,622	624,425	648,439	968,490	344,065	3231

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employees insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
32	Stone, clay, and glass products ⁵ -- Continued									
325	Structural clay products.....	312,312	24,241	5,862	2,951	3,977	11,451	42,997	15,495	27,502
3251	Brick and hollow tile.....	121,452	7,042	2,319	1,146	1,410	2,167	16,278	5,131	11,147
3253	Floor and wall tile.....	47,879	3,330	905	403	523	1,499	6,655	2,370	4,285
3254	Sewer pipe.....	39,809	2,404	783	298	563	760	7,148	2,171	4,977
3255	Clay refractories.....	84,675	10,206	1,528	916	1,195	6,567	11,855	5,059	6,796
326	Pottery and related products.....	199,414	12,650	3,658	1,916	1,628	5,448	15,140	7,115	8,025
3261	Vitreous plumbing fixtures.....	52,320	4,016	931	392	423	2,270	4,418	1,917	2,501
3262	Vitreous-china food utensils.....	30,779	1,485	591	336	197	361	1,607	912	695
3263	Earthenware food utensils.....	37,918	1,705	765	351	289	300	2,468	1,522	946
3264	Porcelain electrical supplies.....	43,758	3,361	797	409	404	1,751	4,387	2,149	2,238
327	Concrete and plaster products.....	422,981	25,122	7,000	3,823	5,065	9,234	81,857	29,125	52,732
3271	Concrete products.....	271,692	15,397	4,226	2,759	3,423	4,989	40,787	10,505	30,482
3272	Gypsum products.....	54,251	2,736	1,002	404	599	731	12,626	6,334	6,292
3275	Mineral wool.....	58,486	4,623	1,067	477	655	2,424	10,558	5,115	5,443
3281	Cut-stone and stone products.....	83,311	4,284	1,525	793	892	1,074	7,061	2,797	4,264
329	Nonmetallic mineral products, n.e.c.	423,578	35,191	7,226	4,162	3,776	20,027	62,165	30,431	31,734
3291	Abrasive products.....	130,214	11,635	2,133	1,284	964	7,254	13,590	7,241	6,349
3292	Asbestos products.....	111,056	8,232	1,807	872	1,085	4,468	16,330	9,809	6,521
3293	Gaskets and asbestos insulations..	61,204	6,009	1,193	794	423	3,599	4,765	2,645	2,120
3297	Nonclay refractories.....	52,014	4,528	960	554	578	2,436	12,331	5,218	7,113
3299	Nonmetallic mineral products, n.e.c.....	17,746	1,796	318	261	163	1,054	1,718	459	1,259
33	Primary metal industries ⁵	7,018,584	690,460	179,360	57,547	43,504	470,049	2,000,408	1,064,371	936,037
331	Blast furnaces and steel mills.....	3,728,508	378,577	61,336	25,230	11,673	280,338	1,441,650	785,135	656,515
3312	Blast furnaces and steel mills.....	3,645,252	369,130	59,867	24,523	10,858	273,882	1,421,233	777,054	644,179
3313	Electrometallurgical products.....	83,256	9,447	1,469	707	815	6,456	20,418	8,081	12,337
332	Iron and steel foundries.....	1,096,371	100,994	19,883	11,418	13,033	56,660	146,498	72,014	74,484
3321	Gray-iron foundries.....	626,285	54,486	11,394	6,493	7,163	29,436	89,082	44,859	44,223
3322	Malleable-iron foundries.....	112,255	10,947	2,066	966	1,564	6,351	14,168	7,485	6,683
3323	Steel foundries.....	357,831	35,561	6,423	3,959	4,306	20,873	53,521	19,670	23,851
333	Primary nonferrous metals.....	312,757	32,682	5,593	2,528	2,439	22,122	116,339	59,230	57,109
3331	Primary copper.....	79,314	9,654	1,493	618	843	6,700	33,640	16,731	16,909
3332	Primary lead.....	21,494	2,465	410	134	88	1,833	10,308	5,508	5,000
3333	Primary zinc.....	54,282	4,903	1,033	369	422	3,079	18,317	8,376	9,941
3334	Primary aluminum.....	117,814	11,532	1,999	1,119	861	7,553	40,548	21,354	19,194
3341	Secondary nonferrous metals.....	86,875	8,030	1,471	699	1,034	4,826	13,776	5,555	8,221
335	Nonferrous rolling and drawing.....	528,759	56,087	9,384	5,170	4,134	37,399	104,496	54,027	50,469
3351	Copper rolling and drawing.....	224,258	28,145	3,948	2,143	2,418	19,636	40,102	19,093	21,009
3352	Aluminum rolling and drawing.....	235,851	21,293	4,220	2,476	1,352	13,245	55,053	30,547	24,506
3359	Nonferrous rolling and drawing, n.e.c.....	68,650	6,649	1,216	551	364	4,518	9,341	4,387	4,954
3361	Nonferrous foundries.....	379,506	30,100	6,784	4,138	3,935	15,243	34,656	18,396	16,260
339	Primary metal industries, n.e.c.....	885,808	83,990	14,909	8,364	7,256	53,461	142,992	70,014	72,978
3391	Iron and steel forgings.....	254,059	20,492	4,138	2,656	2,498	11,200	41,741	20,236	21,505
3392	Wire drawing.....	314,968	33,787	5,393	2,751	2,058	23,585	48,164	24,378	23,786
3393	Welded and heavy-riveted pipe.....	150,712	14,188	2,579	1,378	1,065	9,166	25,781	14,298	11,483
3399	Primary metal industries, n.e.c....	166,069	15,523	2,799	1,579	1,635	9,510	27,306	11,102	16,204
34	Fabricated metal products ⁵	5,383,103	418,860	94,791	55,940	50,511	217,618	449,876	233,792	216,084
3411	Tin cans and other tinware.....	290,224	30,288	5,340	2,786	2,419	19,743	45,165	23,202	21,963
342	Cutlery, tools, and hardware.....	697,445	60,053	12,659	8,221	5,645	33,528	72,753	42,214	30,539
3421	Cutlery.....	62,769	5,290	1,098	702	882	2,608	4,171	2,324	1,847
3423	Hand tools, n.e.c.....	108,801	8,177	2,055	1,127	901	4,094	8,913	4,922	3,991
3424	Files.....	11,787	1,739	235	129	90	1,285	1,515	1,132	383
3425	Handsaws and saw blades.....	31,375	2,816	587	313	153	1,763	3,056	1,335	1,721
3429	Hardware, n.e.c.....	450,273	39,903	7,993	5,622	3,431	22,857	53,784	31,784	22,000
343	Heating and plumbing equipment.....	479,137	36,389	8,560	5,135	4,473	18,221	37,622	19,996	17,626
3431	Plumbing fixtures and fittings....	128,726	10,241	2,408	1,261	1,062	5,510	14,321	7,323	6,998
3439	Heating and cooking equipment, n.e.c.....	350,411	26,148	6,152	3,874	3,411	12,711	23,301	12,673	10,628

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-17

and Depreciation and Book Value of Depreciable Assets by Industry: 1957-Continued

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ¹	Cost of materials, etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
										32
3,670	987	5,487	510,611	240,489	29,430	490,399	508,137	(*)	(*)	325
1,559	251	1,855	206,194	107,775	11,954	178,233	184,668	253,837	75,604	3251
325	354	706	50,640	16,666	3,488	80,106	81,653	112,929	32,823	3253
707	160	756	66,257	26,546	4,828	63,597	67,717	84,506	20,909	3254
835	232	1,355	152,786	73,698	7,995	142,552	147,798	237,493	94,941	3255
1,336	1,882	2,980	220,335	101,693	13,961	306,996	312,714	(*)	(*)	326
329	231	1,014	74,848	28,553	3,557	94,960	99,011	142,177	47,217	3261
113	364	309	24,206	13,683	2,044	41,085	42,120	49,782	8,697	3262
205	85	331	28,610	17,890	2,598	46,068	45,504	63,212	17,144	3263
195	212	713	55,190	27,777	3,401	71,438	70,969	101,957	30,519	3264
7,270	11,153	10,490	1,036,599	402,842	85,790	1,004,942	1,041,309	(*)	(*)	327
6,311	10,462	6,841	496,875	219,640	57,391	628,622	660,042	1,071,914	443,292	3271
426	416	1,706	254,055	75,073	11,233	178,282	181,900	305,244	126,962	3272
400	770	1,293	146,445	45,239	9,677	113,782	113,855	206,900	93,118	3275
1,465	1,117	1,583	104,547	52,851	9,353	138,472	140,166	215,419	76,947	3281
3,774	4,944	8,518	739,800	324,660	44,949	861,305	903,026	(*)	(*)	329
1,074	1,912	2,631	185,432	84,032	10,769	264,617	276,761	438,067	173,450	3291
873	985	2,013	183,293	67,018	9,922	227,884	241,547	425,866	197,982	3292
482	640	1,157	70,845	28,252	4,092	86,565	91,781	163,752	77,187	3293
502	196	1,310	145,853	69,368	8,311	122,701	128,490	212,324	89,623	3297
213	146	235	23,204	10,547	1,469	30,237	29,944	53,758	23,521	3299
33,542	53,363	171,313	17,328,552	8,288,794	969,961	13,063,386	13,320,274	(*)	(*)	33
12,429	18,133	99,373	11,909,328	5,914,100	644,917	7,224,463	7,413,086	(*)	(*)	331
12,002	17,630	96,983	11,551,046	5,730,055	613,175	7,025,202	7,204,822	(*)	(*)	3312
427	503	2,390	358,282	184,045	31,742	199,261	208,264	480,085	280,824	3313
6,378	6,286	17,034	1,250,368	562,262	77,459	1,673,073	1,684,075	(*)	(*)	332
3,909	2,950	10,001	724,884	303,903	46,044	952,398	954,202	1,689,827	737,429	3321
456	403	1,792	150,074	80,286	10,396	158,884	159,221	259,561	100,677	3322
2,013	2,933	5,241	375,410	178,073	21,019	561,791	570,652	890,810	329,019	3323
1,667	2,433	9,887	1,292,917	518,215	72,058	784,665	860,338	(*)	(*)	333
315	54	2,678	195,495	115,138	5,926	170,373	184,813	(*)	(*)	3331
154	24	933	75,214	31,964	3,018	33,158	46,592	(*)	(*)	3332
422	111	1,778	163,578	100,618	6,258	87,511	96,477	280,628	193,117	3333
686	133	4,274	792,348	240,137	47,164	382,067	406,302	804,049	421,982	3334
1,538	2,003	2,281	113,443	54,728	7,517	156,156	141,271	885,717	729,561	3341
2,753	7,569	16,159	1,081,725	486,224	61,165	1,024,355	1,032,373	(*)	(*)	335
1,062	2,220	9,131	401,322	177,900	20,598	464,946	459,292	1,385,642	920,696	3351
1,100	4,463	5,113	524,065	243,541	27,957	443,326	451,593	1,335,676	892,350	3352
591	886	1,915	156,338	64,783	12,610	116,083	121,688	382,134	266,051	3359
3,388	5,312	5,173	353,861	161,929	27,190	577,630	577,240	1,080,396	502,766	3361
5,389	11,627	21,406	1,326,910	591,336	79,655	1,623,044	1,611,891	(*)	(*)	339
1,722	3,336	5,961	285,045	137,005	18,067	405,152	396,674	879,111	473,959	3391
1,220	2,670	7,646	549,281	236,615	30,857	617,797	605,632	1,592,802	975,005	3392
730	1,511	2,766	197,886	86,997	11,624	291,008	302,690	815,857	524,849	3393
1,717	4,110	5,033	294,698	130,719	19,107	309,087	306,895	836,581	527,494	3399
49,579	104,447	100,627	5,713,285	2,366,865	399,654	9,329,236	9,543,780	(*)	(*)	34
1,445	5,188	12,162	646,338	225,127	31,964	630,753	647,888	1,694,461	1,063,708	3411
4,278	10,797	12,688	722,441	323,388	55,527	1,230,251	1,249,657	(*)	(*)	342
445	1,288	797	49,584	26,345	3,259	134,451	133,563	191,545	57,094	3421
871	1,572	1,838	105,624	53,063	7,051	189,431	198,180	311,827	122,396	3423
38	153	223	12,518	4,922	541	21,756	21,617	31,678	9,922	3424
185	163	779	38,199	24,084	2,468	57,844	59,714	93,452	35,608	3425
2,375	7,067	8,624	492,174	197,360	40,180	773,669	783,191	1,359,422	585,753	3429
4,470	8,412	10,611	564,373	261,384	34,758	874,518	794,426	(*)	(*)	343
702	2,553	3,136	193,258	77,222	10,680	230,804	222,328	426,659	195,855	3431
3,768	5,859	7,475	371,115	185,061	23,278	643,714	572,098	1,286,296	642,582	3439

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employees insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
34	Fabricated metal products ⁵ --Continued									
344	Structural metal products.....	1,714,531	131,272	29,721	16,375	19,685	65,491	106,758	50,138	56,620
3441	Structural and ornamental work....	712,628	57,313	12,263	6,504	8,403	30,143	38,909	18,729	20,180
3443	Boiler shop products.....	453,257	35,662	7,815	4,086	5,243	18,518	36,919	16,596	20,323
3444	Sheet-metal work.....	263,685	18,435	4,366	2,314	2,867	8,888	14,143	7,467	6,676
346	Metal stamping and coating.....	920,453	63,137	15,795	10,563	8,788	27,991	75,892	38,191	37,701
3463	Metal stampings.....	654,182	47,421	11,386	7,372	6,109	22,554	57,563	30,241	27,322
3471	Lighting fixtures.....	227,295	17,843	4,582	2,993	1,758	8,530	16,163	8,468	7,695
348	Fabricated wire products, n.e.c.....	297,310	23,135	5,378	3,462	2,461	11,834	22,473	12,197	10,276
3489	Wirework, n.e.c.....	286,158	22,358	5,176	3,355	2,375	11,452	20,759	11,623	9,136
349	Metal products, n.e.c.....	756,708	56,743	12,756	6,405	5,302	32,280	73,050	39,386	33,664
3491	Metal barrels, drums, and pails...	56,727	4,728	949	406	636	2,637	4,724	2,493	2,231
3493	Steel springs.....	51,289	4,698	825	528	368	2,977	7,847	4,508	3,339
3494	Bolts, nuts, washers, and rivets..	318,535	26,590	5,518	2,531	1,977	16,364	34,114	19,291	14,823
3495	Screw machine products.....	182,223	9,579	2,902	1,607	1,196	3,874	8,896	4,022	4,874
3496	Collapsible tubes.....	14,926	1,187	268	209	121	589	2,062	1,364	698
3497	Metal foil.....	35,270	3,037	626	319	256	1,836	6,134	3,416	2,718
3499	Fabricated metal products, n.e.c..	82,869	5,783	1,390	741	615	3,037	7,430	3,222	4,208
35	Machinery, except electrical ⁵	9,049,909	715,878	157,403	77,948	59,035	421,492	623,830	326,182	297,648
351	Engines and turbines.....	508,733	46,326	9,263	3,220	2,485	31,358	39,044	19,579	19,465
3519	Internal combustion engines.....	301,866	29,088	5,967	2,164	1,474	19,483	25,881	1,302	12,860
352	Tractors and farm machinery.....	716,307	77,186	13,402	6,502	3,393	53,889	82,554	44,192	38,362
3521	Tractors.....	367,119	42,923	6,814	2,896	1,378	31,835	48,605	25,921	22,684
3522	Farm machinery (except tractors)..	349,188	34,263	6,588	3,606	2,015	22,054	33,949	18,271	15,678
353	Construction and mining machinery...	750,671	59,515	13,467	4,963	6,074	35,011	58,049	29,723	28,326
3531	Construction and mining machinery.	524,854	41,716	9,654	3,811	4,024	23,887	40,605	20,314	20,291
3532	Oil-field machinery and tools.....	225,817	18,139	3,813	1,152	2,050	11,124	17,444	9,409	8,035
354	Metalworking machinery.....	1,712,999	120,778	27,446	13,285	9,037	71,010	85,002	44,838	40,164
3541	Machine tools.....	470,886	40,710	7,700	2,876	2,359	27,775	26,652	15,068	11,584
3542	Metalworking machinery.....	351,391	29,220	5,863	2,512	2,236	18,609	20,097	10,545	9,552
3545	Metalworking machinery attachments	293,874	19,960	4,854	2,456	1,215	11,435	14,024	7,114	6,910
355	Special-industry machinery, n.e.c...	924,820	64,765	15,587	7,807	7,508	33,863	52,207	27,886	24,321
3551	Food-products machinery.....	167,192	11,132	2,617	1,124	1,832	6,559	7,179	3,372	3,807
3552	Textile machinery.....	171,533	11,824	2,991	2,036	1,050	5,747	11,204	6,682	4,522
3554	Paper-industries machinery.....	104,540	7,705	1,762	916	906	4,121	6,635	2,845	3,790
3555	Printing-trades machinery.....	130,589	8,734	2,231	797	1,072	4,634	7,431	4,464	2,967
3559	Special-industry machinery, n.e.c.	295,328	20,995	5,035	2,267	2,152	11,541	15,609	8,207	7,402
356	General industrial machinery.....	1,314,194	105,497	22,272	10,577	10,000	62,648	78,045	41,943	36,102
3561	Pumps and compressors.....	317,730	25,198	5,455	2,182	2,090	15,471	21,661	12,211	9,450
3563	Conveyors.....	201,159	14,488	3,261	1,657	1,669	7,901	8,413	4,431	3,982
3565	Industrial trucks and tractors....	96,817	7,629	1,658	878	1,023	4,070	4,486	2,242	2,244
3566	Power-transmission equipment.....	290,300	26,139	4,958	2,062	1,854	17,265	24,156	12,365	11,791
3567	Industrial furnaces and ovens.....	63,624	5,352	1,009	625	417	3,301	2,272	1,260	1,012
3569	General industrial machinery, n.e.c.....	180,992	12,794	3,032	1,617	1,470	6,675	8,640	4,799	3,841
357	Office and store machines.....	697,280	50,903	12,638	6,643	3,104	28,518	46,399	26,189	20,210
3571	Computing and related machines....	459,219	31,357	7,851	3,890	1,673	17,943	33,221	18,506	14,715
3572	Typewriters.....	95,026	7,776	1,829	1,178	675	4,094	6,348	3,951	2,397
3579	Office and store machines, n.e.c..	108,070	9,286	2,329	1,190	479	5,288	6,123	3,233	2,890
358	Service and household machines.....	938,394	79,626	16,793	11,382	6,458	44,995	70,654	33,123	37,531
3581	Domestic laundry equipment.....	105,674	9,591	2,024	1,436	604	5,527	12,568	5,860	6,708
3582	Laundry and dry-cleaning machinery	33,948	3,007	712	459	365	1,471	1,571	890	681
3583	Sewing machines.....	55,748	5,619	1,021	429	511	3,658	3,553	2,232	1,321
3584	Vacuum cleaners.....	38,098	3,073	673	353	186	1,861	2,735	1,686	1,049
3585	Refrigeration machinery.....	614,582	50,654	10,807	7,897	4,161	27,789	45,012	19,795	25,217
3586	Measuring and dispensing pumps....	36,742	3,878	639	298	143	2,798	2,201	1,261	940
3589	Service and household machines, n.e.c.....	53,602	3,804	917	510	488	1,889	3,014	1,399	1,615
359	Miscellaneous machinery parts.....	1,486,511	111,282	26,535	13,569	10,976	60,202	111,526	57,911	53,615
3591	Valves and fittings, except plumbing.....	419,524	33,387	7,955	3,353	3,305	18,774	37,147	17,526	19,621
3592	Fabricated pipe and fittings.....	78,257	5,590	1,323	768	856	2,443	4,306	2,180	2,126
3593	Ball and roller bearings.....	279,668	29,982	5,227	2,526	1,395	20,834	30,595	19,556	11,039
3599	Machine shops.....	585,606	36,735	10,302	6,158	4,758	15,517	34,765	16,834	17,931

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-19

and Depreciation and Book Value of Depreciable Assets by Industry: 1957-Continued

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ¹	Cost of materials, etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
19,061	31,871	27,558	1,375,755	585,048	107,007	2,842,775	3,034,040	(⁴)	(⁴)	34
8,004	11,471	12,348	556,706	237,182	47,344	1,263,714	1,386,167	2,597,850	1,334,136	344
3,917	5,465	6,771	401,615	176,962	27,955	636,919	678,470	1,420,999	784,080	3441
3,752	8,024	4,168	183,867	76,644	15,805	471,264	484,230	900,579	429,315	3443
8,845	18,211	13,838	922,462	370,396	68,571	1,493,722	1,517,748	(⁴)	(⁴)	346
5,969	11,239	10,803	749,267	295,292	53,143	1,065,956	1,087,919	2,111,200	1,045,244	3463
2,055	10,040	2,229	172,751	70,076	14,763	401,832	403,533	811,665	409,833	3471
3,063	6,045	5,341	275,821	119,753	20,405	516,488	523,086	(⁴)	(⁴)	348
2,944	5,864	5,126	264,886	115,502	19,621	497,070	503,679	939,980	442,910	3489
6,362	13,883	16,200	1,033,344	411,693	68,649	1,338,897	1,373,402	(⁴)	(⁴)	349
574	1,271	1,771	90,570	30,108	3,989	103,295	104,053	278,925	175,630	3491
306	489	1,418	84,824	25,726	6,499	76,107	80,175	200,253	124,146	3493
2,163	4,570	6,943	449,347	186,061	26,083	566,738	584,979	965,126	398,388	3494
1,932	4,829	3,074	207,615	92,863	17,373	295,230	296,665	490,070	194,840	3495
68	159	184	18,344	9,483	1,117	23,669	23,667	39,379	15,710	3496
313	387	742	74,056	25,623	5,206	74,175	75,910	259,577	185,402	3497
916	2,139	1,600	88,175	33,888	7,178	163,050	169,812	314,705	151,655	3499
59,244	136,806	159,838	9,421,065	4,300,725	679,823	15,442,481	15,977,505	(⁴)	(⁴)	35
1,686	5,358	8,926	529,725	267,655	31,979	911,043	959,407	(⁴)	(⁴)	351
1,555	2,268	6,878	341,736	152,074	20,485	544,350	566,840	1,125,825	581,475	3519
3,653	6,970	16,438	1,001,844	489,293	75,637	1,288,509	1,325,644	(⁴)	(⁴)	352
885	3,190	8,517	596,444	282,711	47,668	718,882	741,044	1,604,212	885,330	3521
2,768	3,780	8,121	405,400	206,582	27,969	569,627	584,600	1,260,409	690,782	3522
4,645	8,662	15,968	697,765	296,087	54,513	1,351,115	1,445,107	(⁴)	(⁴)	353
3,115	5,926	11,197	453,372	190,266	36,390	955,440	1,011,279	1,954,277	955,440	3531
1,530	2,736	4,771	244,393	105,821	18,123	395,675	433,828	759,708	364,033	3532
10,462	28,773	30,769	1,620,400	742,078	121,462	2,717,533	2,740,311	(⁴)	(⁴)	354
2,127	7,301	11,019	522,208	274,114	33,345	805,598	797,541	1,209,071	403,473	3541
1,613	2,716	7,106	373,984	164,552	26,768	603,770	614,148	1,022,984	419,214	3542
1,724	4,458	5,052	272,122	132,619	19,331	450,381	472,602	650,032	199,651	3545
7,754	13,081	14,377	937,533	423,000	65,098	1,482,629	1,545,856	(⁴)	(⁴)	355
1,660	2,390	2,766	178,810	85,292	16,601	259,816	256,506	429,709	169,893	3551
1,648	1,120	2,475	203,370	96,399	11,770	253,602	256,419	393,794	140,192	3552
933	1,241	1,504	102,849	40,130	6,836	186,413	221,104	332,386	145,973	3554
796	2,512	1,581	112,180	56,092	6,674	206,381	214,068	295,678	89,297	3555
2,292	3,938	4,873	283,006	120,136	19,069	474,030	489,144	837,304	363,274	3559
8,795	16,309	23,477	1,189,707	507,651	79,332	2,350,030	2,386,664	(⁴)	(⁴)	356
2,358	4,116	6,438	300,455	131,137	18,883	573,639	589,595	1,091,719	518,080	3561
1,190	2,039	3,467	146,534	64,106	9,108	359,652	364,395	632,489	272,837	3563
670	1,274	1,754	67,165	25,273	4,498	155,924	156,796	328,319	172,395	3565
1,708	3,076	5,176	307,440	147,169	22,192	525,733	531,444	842,634	316,901	3566
506	1,050	955	42,671	14,267	3,210	116,812	111,842	232,131	115,319	3567
1,329	2,351	3,220	164,347	51,220	10,920	297,310	315,476	549,291	251,981	3569
4,441	9,154	10,248	835,984	281,944	47,100	1,019,280	1,191,583	(⁴)	(⁴)	357
3,147	5,627	6,918	586,223	149,649	32,754	542,816	658,563	1,008,095	465,279	3571
294	510	942	87,504	57,333	3,940	188,183	214,757	265,076	76,893	3572
628	2,578	2,170	155,768	71,564	10,149	227,494	254,056	345,992	118,498	3579
5,744	17,539	16,557	1,034,024	436,918	85,219	1,753,698	1,768,213	(⁴)	(⁴)	358
409	1,954	1,887	146,695	51,262	12,777	233,572	238,290	629,176	395,604	3581
361	933	759	47,178	24,918	2,153	69,216	71,578	117,456	48,240	3582
174	193	1,292	62,152	32,616	4,262	85,333	84,494	121,786	36,453	3583
270	653	731	36,962	14,834	2,609	103,865	103,851	171,756	67,891	3584
3,953	12,396	10,179	639,633	272,695	55,662	1,093,276	1,093,661	(⁴)	(⁴)	3585
168	754	668	27,869	15,436	1,708	65,765	67,212	116,411	50,646	3586
409	656	1,041	73,535	25,157	6,048	102,671	109,127	223,384	120,713	3589
12,064	30,960	23,078	1,574,083	856,099	119,483	2,568,644	2,614,720	(⁴)	(⁴)	359
2,810	8,267	7,364	428,208	195,284	29,514	799,327	814,204	1,414,042	614,715	3591
540	1,619	1,100	63,414	28,710	5,937	144,373	154,887	287,645	143,272	3592
810	2,821	5,795	426,831	243,846	28,286	476,182	480,275	753,556	277,374	3593
6,648	15,251	7,864	583,535	326,619	48,926	957,307	975,948	1,468,476	511,169	3599

MANUFACTURES-SUMMARY STATISTICS

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employees insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
36	Electrical machinery ⁵	5,133,431	420,215	92,482	56,907	24,228	246,598	359,730	186,118	173,612
361	Electrical industrial apparatus.....	1,953,266	156,599	34,424	18,683	9,405	94,087	130,932	63,427	67,505
3611	Wiring devices and supplies.....	223,186	16,781	4,103	2,402	1,542	8,734	17,333	8,663	8,670
3612	Carbon and graphite products.....	49,877	5,777	966	481	452	3,878	8,768	3,842	4,926
3614	Motors and generators.....	592,251	47,768	10,481	5,476	2,801	29,010	43,274	20,584	22,690
3615	Transformers.....	242,191	19,153	4,244	2,197	993	11,719	17,385	7,938	9,447
3616	Electrical control apparatus.....	475,370	37,165	8,201	4,014	1,948	23,002	27,250	13,407	13,843
3617	Electrical welding apparatus.....	67,922	5,492	1,016	451	294	3,731	2,804	1,377	1,427
3619	Electrical industrial apparatus, n.e.c.....	91,013	6,854	1,646	1,228	433	3,547	5,894	2,744	3,150
3621	Electrical appliances.....	240,825	17,171	4,379	2,838	998	8,956	18,461	9,430	9,031
3641	Engine electrical equipment.....	235,627	24,487	4,380	2,541	1,040	16,526	23,999	14,337	9,662
3651	Electric lamps (bulbs).....	102,597	9,330	1,984	1,224	380	5,742	13,541	7,354	6,187
366	Communication equipment.....	2,318,480	189,420	42,380	28,364	10,223	108,453	147,818	78,677	69,141
3661	Radios and related products.....	1,381,024	108,984	26,024	19,236	6,492	57,232	64,617	32,547	32,070
3662	Electronic tubes.....	350,987	28,735	6,769	4,805	1,659	15,502	35,276	18,220	17,056
3663	Phonograph records.....	28,943	1,959	506	469	263	721	2,462	930	1,532
3664	Telephone and telegraph equipment.....	500,266	45,380	8,185	3,314	1,475	32,406	43,290	25,553	17,737
3669	Communication equipment, n.e.c.....	57,260	4,362	896	540	334	2,592	2,173	1,427	746
369	Electrical products, n.e.c.....	183,751	14,835	3,184	2,028	1,218	8,405	15,593	8,088	7,505
3691	Storage batteries.....	72,217	6,403	1,175	777	550	3,901	7,991	4,171	3,820
3692	Primary batteries.....	33,101	3,363	639	494	149	2,081	3,252	1,911	1,341
37	Transportation equipment ⁵	10,486,418	927,386	181,781	116,641	53,434	575,530	986,235	562,950	423,285
371	Motor vehicles and equipment.....	4,009,307	438,268	71,004	53,678	17,348	296,238	570,508	340,141	230,367
3713	Truck and bus bodies.....	89,299	5,933	1,579	945	1,070	2,339	3,383	1,583	1,800
3715	Truck trailers.....	82,740	5,553	1,560	616	901	2,476	4,008	2,074	1,934
3716	Automobile trailers.....	81,994	4,440	1,392	1,269	844	935	2,779	1,297	1,482
3717	Motor vehicles and parts.....	3,755,274	422,342	66,473	50,848	14,533	290,488	560,338	335,187	225,151
372	Aircraft and parts.....	5,377,048	401,965	91,004	49,744	24,581	236,636	321,446	174,507	146,939
3721	Aircraft.....	3,191,272	235,094	53,590	30,054	11,898	139,552	144,513	84,709	59,804
3722	Aircraft engines.....	1,033,320	85,218	17,530	9,297	5,389	53,002	95,821	46,476	49,345
3723	Aircraft propellers.....	98,415	8,540	1,650	741	666	5,483	8,559	4,719	3,840
3729	Aircraft equipment, n.e.c.....	1,054,041	73,113	18,234	9,652	6,628	38,599	72,553	38,603	33,950
373	Ships and boats.....	743,261	50,075	13,498	8,571	8,917	19,089	59,379	30,281	29,098
3731	Ship building and repairing.....	653,534	45,751	11,919	7,718	7,939	18,175	53,559	26,947	26,612
3732	Boat building and repairing.....	89,727	4,324	1,579	853	978	914	5,820	3,334	2,486
374	Railroad equipment.....	314,474	32,920	5,558	3,978	2,245	21,139	30,658	16,179	14,479
3741	Locomotives and parts.....	115,897	11,701	1,952	1,230	523	7,996	11,507	5,836	5,671
3742	Railroad and street cars.....	198,577	21,219	3,606	2,748	1,722	13,143	19,151	10,343	8,808
38	Instruments and related products ⁵	1,570,906	118,839	26,200	13,630	6,832	72,177	97,302	53,598	43,704
3811	Scientific instruments.....	339,987	25,112	5,640	3,012	1,881	14,579	16,019	10,083	5,936
3821	Mechanical measuring instruments.....	384,621	29,372	6,816	3,475	1,621	17,460	23,322	13,322	10,000
384	Medical equipment and supplies.....	187,120	12,960	3,036	1,549	885	7,490	12,564	7,386	5,178
3842	Surgical appliances and supplies.....	125,942	9,084	1,983	999	514	5,588	9,327	5,328	3,999
3843	Dental equipment and supplies.....	30,391	1,780	468	210	161	941	1,499	860	639
3861	Photographic equipment.....	371,355	31,580	5,892	2,543	1,441	21,704	31,832	15,391	16,441
387	Watches and clocks.....	115,194	8,584	1,997	1,742	445	4,400	6,240	3,718	2,522
3871	Watches and clocks.....	102,461	7,651	1,778	1,519	358	3,996	5,813	3,394	2,419
39	Miscellaneous manufactures ⁵	2,826,208	194,196	48,977	34,295	18,277	92,647	187,728	96,079	91,649
391	Jewelry and silverware.....	179,653	9,504	3,016	2,177	1,049	3,262	5,786	2,984	2,802
3912	Jewelers' findings.....	22,892	1,347	380	305	231	431	1,014	526	488
3914	Silverware and plated ware.....	67,244	4,358	1,253	839	437	1,829	2,956	1,559	1,397
393	Musical instruments and parts.....	80,047	5,485	1,447	690	603	2,745	2,947	1,756	1,191
3931	Pianos.....	29,907	1,997	565	315	230	887	966	593	373
394	Toys and sporting goods.....	333,546	22,482	6,222	5,762	2,833	7,665	17,681	8,284	9,397
3941	Games and toys, n.e.c.....	138,585	9,893	2,673	2,698	1,298	3,224	9,017	4,561	4,456
3942	Dolls.....	59,783	4,414	1,143	1,259	482	1,530	2,034	493	1,541
3949	Sporting and athletic goods.....	110,285	6,622	1,947	1,483	826	2,366	6,178	2,924	3,254

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-21

and Depreciation and Book Value of Depreciable Assets by Industry: 1957-Continued

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ¹	Cost of materials, etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
26,935	85,179	64,733	4,083,737	1,688,904	301,724	9,398,165	9,620,386	(*)	(*)	36
9,080	28,416	29,159	1,631,407	717,852	117,512	3,710,803	3,750,618	(*)	(*)	361
1,443	3,970	3,973	216,702	100,867	14,647	482,155	461,639	790,077	337,922	3611
238	149	908	128,191	63,315	7,519	109,264	110,974	179,155	69,891	3612
2,509	8,415	9,232	512,627	251,837	36,487	1,018,075	1,030,290	1,705,431	687,356	3614
809	3,196	3,300	227,993	93,848	17,955	504,418	499,091	861,960	357,542	3615
1,831	6,611	7,031	293,157	114,128	21,022	969,422	972,549	1,509,511	540,089	3616
367	774	1,610	65,536	23,415	3,876	132,286	135,732	291,419	159,133	3617
780	2,400	1,351	71,691	25,205	5,943	163,542	163,357	282,809	119,267	3619
2,272	3,646	4,035	200,704	88,755	15,240	494,952	509,712	900,698	405,746	3621
709	3,490	2,681	195,287	97,632	15,795	421,430	435,489	723,211	301,781	3641
215	437	1,646	133,430	74,636	8,602	290,280	297,911	435,280	145,000	3651
12,629	43,576	21,713	1,595,692	567,094	121,177	3,920,005	4,045,765	(*)	(*)	366
10,192	28,492	12,606	751,016	268,737	63,923	2,311,301	2,416,859	(*)	(*)	3661
1,039	4,471	2,773	333,927	130,127	26,734	596,115	596,615	873,850	277,715	3662
168	598	508	28,300	10,759	1,762	84,972	88,875	121,542	36,570	3663
936	9,399	5,378	455,179	142,860	27,131	832,050	840,217	1,385,194	553,144	3664
294	616	448	27,270	14,611	1,627	95,567	103,199	145,475	49,908	3669
1,439	3,535	3,559	200,652	93,350	14,859	367,067	383,515	(*)	(*)	369
497	490	2,075	119,472	55,591	8,439	132,634	132,565	359,353	226,719	3691
105	413	454	27,195	14,184	1,820	63,914	70,495	126,369	62,455	3692
47,094	130,414	178,032	9,302,857	3,857,520	729,374	18,235,153	18,486,135	(*)	(*)	37
12,438	31,179	102,807	6,362,862	2,565,750	512,980	8,699,602	8,721,619	(*)	(*)	371
1,391	2,251	1,535	67,994	28,140	5,740	143,996	144,076	290,330	146,334	3713
696	954	1,714	61,830	24,292	4,410	138,727	137,424	354,079	215,352	3715
1,447	2,040	1,022	52,331	18,865	4,399	140,926	148,864	471,116	330,190	3716
8,904	25,934	98,536	6,180,707	2,494,453	498,431	8,275,953	8,291,255	(*)	(*)	3717
23,574	88,754	60,746	1,936,816	789,935	169,075	7,864,910	8,006,361	(*)	(*)	372
12,994	43,714	38,756	760,228	257,114	67,541	4,517,225	4,544,653	8,419,451	3,902,226	3721
3,888	17,876	8,588	582,879	267,841	49,713	1,707,342	1,752,206	3,707,014	1,999,672	3722
215	908	978	88,701	50,128	6,569	150,740	156,119	265,871	115,131	3723
6,477	26,256	12,424	505,008	216,272	45,251	1,489,603	1,553,383	2,632,462	1,142,859	3729
10,049	10,183	8,632	502,689	248,393	26,366	994,130	1,085,651	(*)	(*)	373
7,999	9,021	7,392	423,611	215,604	20,920	841,692	929,416	1,514,367	672,675	3731
2,050	1,162	1,240	79,078	32,789	5,446	152,438	156,235	298,542	146,104	3732
1,191	1,273	5,466	385,171	230,973	17,756	611,650	604,460	(*)	(*)	374
263	829	2,026	149,218	91,879	8,046	267,200	242,227	613,110	345,910	3741
928	444	3,440	235,953	139,094	9,710	344,450	362,233	939,846	595,396	3742
8,534	26,211	19,787	1,262,870	434,435	84,791	2,725,616	2,872,262	(*)	(*)	38
1,267	6,572	2,978	121,634	45,536	9,806	465,470	505,709	761,248	295,778	3811
2,176	4,487	5,700	286,950	102,889	18,596	683,536	697,402	1,045,565	362,029	3811
1,311	3,961	2,445	158,393	68,074	11,500	362,846	399,207	(*)	(*)	384
843	2,780	1,691	116,395	47,244	9,061	239,643	269,556	445,947	206,304	3842
163	420	412	24,661	15,225	1,171	68,216	70,685	111,316	43,100	3843
1,838	6,514	5,773	498,756	224,084	31,666	735,481	774,356	1,102,420	366,939	3861
577	1,610	1,667	91,398	48,812	5,109	183,440	185,608	(*)	(*)	387
420	1,304	1,566	87,439	46,179	4,796	169,301	172,193	294,386	125,085	3871
24,983	72,682	30,805	11,986,583	815,166	150,057	4,637,704	4,747,558	(*)	(*)	39
1,913	4,174	2,044	113,755	58,473	6,985	320,236	318,302	(*)	(*)	391
294	714	260	18,917	8,943	1,583	37,928	36,654	80,817	42,889	3912
379	1,088	911	64,292	35,453	3,232	110,596	111,458	193,782	83,386	3914
502	896	1,110	56,701	25,656	2,287	125,931	132,146	(*)	(*)	393
154	356	321	22,477	10,440	793	41,631	43,066	87,780	46,149	3931
3,424	10,201	3,358	218,632	96,960	19,991	599,740	607,160	(*)	(*)	394
1,626	4,787	1,381	96,684	41,116	10,031	238,591	238,695	448,940	210,349	3941
603	2,520	240	23,124	8,729	2,462	100,350	100,248	203,141	102,791	3942
1,082	2,455	1,530	74,692	37,700	6,093	222,804	230,728	389,497	166,693	3949

MANUFACTURES-SUMMARY STATISTICS

Table 1.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent Taxes,

(In thousands of dollars. See text for explanation of column captions.)

Code	Industry group and industry	Payrolls, total ¹	Selected supplementary employee costs--					Expenditures for maintenance and repairs on structures, grounds, and equipment		
			Total	Employer payments for legally required employees insurance plans--			Other employer payments or alloca- tions	Total	Salaries and wages paid to own employees	Other maintenance and repair costs
				Old-age and survivors insurance	Unemploy- ment insurance	Workmen's compen- sation premiums				
39	Miscellaneous manufactures ⁵ --Continued									
395	Office supplies.....	127,636	8,556	2,234	1,343	653	4,326	5,431	3,094	2,337
3955	Carbon paper and inked ribbons....	24,943	1,754	437	233	162	922	1,544	790	754
396	Costume jewelry and notions.....	204,921	12,405	3,401	3,066	1,140	4,798	13,123	5,840	7,283
3961	Costume jewelry.....	76,770	3,682	1,177	1,380	473	652	2,999	998	2,001
3963	Buttons.....	20,993	1,499	382	236	214	667	1,313	574	739
3964	Needles, pins, and fasteners.....	82,096	6,477	1,489	1,004	400	3,584	9,064	4,447	4,617
3971	Plastics products, n.e.c.....	466,536	32,800	8,422	5,883	3,920	14,575	43,339	19,649	23,690
398	} Miscellaneous manufactures.....	1,433,239	102,964	24,235	15,374	8,079	55,276	99,421	54,472	44,949
399										
3983										
3988										
3993										
3995										
3995	Umbrellas, parasols, and canes....	10,765	506	206	154	93	53	477	344	133
1900	Ordnance and accessories.....	940,697	74,272	15,710	9,552	3,654	95,356	74,469	41,984	32,485

¹Data in this column were previously published in the 1957 Annual Survey of Manufactures, Chapter II, table 1. The sampling variability associated with these estimates is shown in that volume.

²Net value of assets cannot be precisely derived using the value and depreciation data appearing in the table because some of the accumulated depreciation through the end of 1956 may have been against assets which were sold, dismantled, retired, etc., before the end of 1957 and therefore, are not included in the gross assets figure.

³Data shown only for operating manufacturing establishments. Comparable information for central administrative offices and auxiliaries which service the manufacturing establishments of a company are not available.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-23

and Depreciation and Book Value of Depreciable Assets by Industry: 1957-Continued

The sampling variability of the estimates is shown in table 3)

Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Value of shipments ¹	Cost of materials, etc. ¹	Code
			Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted			
1,037	3,115	1,815	107,916	46,545	7,538	229,555	234,085	(*)	(*)	39
196	744	316	21,751	10,420	1,209	50,139	52,696	105,645	55,506	395
										3955
2,060	6,742	1,863	157,250	77,320	10,297	337,696	342,821	(*)	(*)	396
596	2,403	311	29,819	13,287	2,753	112,243	115,009	209,368	97,125	3961
536	979	209	21,966	13,419	1,436	35,747	37,063	59,104	23,357	3963
456	1,424	1,114	97,308	48,789	4,332	138,965	137,590	243,436	104,471	3964
5,173	12,873	6,128	512,836	202,695	44,664	785,795	797,942	1,534,110	748,315	3971
10,874	34,681	14,487	819,493	307,082	53,678	2,238,751	2,315,102	(*)	(*)	398
173	611	405	17,421	8,370	1,147	39,860	36,602	65,534	25,674	399
693	1,882	721	39,736	19,878	3,110	121,523	121,817	217,447	95,924	3983
3,548	7,160	1,381	117,458	46,187	10,155	273,805	279,252	419,066	145,261	3988
114	493	77	3,327	1,627	279	15,221	15,082	36,154	20,933	3993
										3995
3,010	17,750	9,164	481,964	159,109	26,533	1,377,423	1,420,427	(*)	(*)	1900

⁴The value of shipments and cost of materials totals for industry groups (2- and 3-digit) and a few individual industries (4-digit) have not been published due to the extensive duplication arising from shipments from one establishment to another in the same industry classification.

⁵The figures shown for the major industry group include data for all its component industries, whether or not separate figures are shown for the individual industries. Statistics were not shown for industries that were withheld from publication in the 1957 Annual Survey of Manufactures volume. Industries whose figures were not consistent with related data also were withheld.

⁶The adjusted value added figure for the aircraft industry has not been adjusted for the change in inventory between the beginning and end of the year since the figures reported by establishments in this industry are value of work done rather than value of shipments. It does include value added by resales.

Table 2.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
1	United States, total ²	76,378,993	5,974,362	1,335,410	762,177	501,247	3,375,528
2	New England.....	6,181,463	477,582	112,045	77,162	46,080	242,295
3	Maine.....	366,253	22,503	6,973	4,632	1,806	9,092
4	New Hampshire.....	284,069	18,548	5,542	3,668	1,947	7,391
5	Vermont.....	133,284	11,454	2,518	2,887	812	5,237
6	Massachusetts.....	2,908,459	218,477	52,192	35,240	23,483	107,562
7	Rhode Island.....	449,587	36,869	8,245	9,226	4,015	15,383
8	Connecticut.....	2,039,811	169,731	36,575	21,509	14,017	97,630
9	Middle Atlantic.....	19,625,724	1,511,478	323,015	222,528	141,200	824,735
10	New York.....	8,877,284	625,190	137,904	100,922	72,470	313,894
11	New Jersey.....	3,916,266	330,695	65,779	43,841	39,835	181,240
12	Pennsylvania.....	6,832,174	555,593	119,332	77,765	28,895	329,601
13	East North Central.....	23,860,416	1,994,222	413,502	207,915	132,859	1,239,946
14	Ohio.....	6,880,783	562,388	117,985	41,173	43,760	359,470
15	Indiana.....	3,020,499	258,926	52,595	22,727	12,091	171,513
16	Illinois.....	6,268,291	468,744	108,419	50,487	36,477	273,361
17	Michigan.....	5,478,394	525,171	95,383	74,455	26,413	328,920
18	Wisconsin.....	2,212,449	178,993	39,120	19,073	14,118	106,682
19	West North Central.....	4,426,318	319,458	78,489	35,186	27,574	178,209
20	Minnesota.....	1,025,600	72,352	17,757	7,051	7,054	40,490
21	Iowa.....	783,973	60,612	13,837	4,420	3,631	38,724
22	Missouri.....	1,677,452	121,595	30,082	14,385	11,447	65,681
23	North Dakota.....	25,207	1,282	464	189	109	520
24	South Dakota.....	48,287	2,954	785	273	148	1,748
25	Nebraska.....	257,466	18,552	4,781	2,293	1,540	9,938
26	Kansas.....	610,333	42,111	10,783	6,575	3,645	21,108
27	South Atlantic.....	6,874,362	475,365	126,044	65,289	38,786	245,246
28	Delaware.....	191,339	16,324	3,423	1,281	1,062	10,558
29	Maryland.....	1,273,623	97,911	22,443	10,557	7,777	57,134
30	District of Columbia.....	104,794	6,166	1,605	447	668	3,446
31	Virginia.....	931,802	61,956	17,144	6,287	4,301	34,224
32	West Virginia.....	582,101	50,769	9,878	4,192	2,119	34,580
33	North Carolina.....	1,448,050	97,787	28,299	20,118	7,268	42,102
34	South Carolina.....	706,189	43,564	13,420	6,609	4,261	19,274
35	Georgia.....	1,060,927	67,643	19,552	11,479	6,059	30,553
36	Florida.....	575,537	33,245	10,280	4,319	5,271	13,375
37	East South Central.....	2,897,604	229,337	54,809	36,932	16,690	120,906
38	Kentucky.....	681,534	57,842	12,673	10,448	3,428	31,293
39	Tennessee.....	1,035,048	86,490	20,212	14,674	6,592	45,012
40	Alabama.....	881,962	65,760	15,968	7,530	4,270	37,992
41	Mississippi.....	299,060	19,245	5,956	4,280	2,400	6,609
42	West South Central.....	3,418,529	277,535	59,603	24,251	29,613	164,068
43	Arkansas.....	260,828	17,768	5,468	2,948	2,541	6,811
44	Louisiana.....	603,430	56,056	10,780	5,971	5,590	33,715
45	Oklahoma.....	369,041	28,283	6,624	2,761	3,570	15,328
46	Texas.....	2,185,230	175,428	36,731	12,571	17,912	108,214
47	Mountain.....	1,047,374	73,966	17,739	8,275	7,291	40,661
48	Montana.....	88,558	6,197	1,555	795	802	3,045
49	Idaho.....	117,062	7,523	2,082	1,172	1,181	3,088
50	Wyoming.....	29,021	2,402	466	154	132	1,650
51	Colorado.....	349,231	22,615	5,988	1,902	2,089	12,636
52	New Mexico.....	83,136	6,009	1,273	524	290	3,922
53	Arizona.....	186,605	12,950	3,065	1,948	1,430	6,507
54	Utah.....	169,627	14,336	2,917	1,484	1,137	8,798
55	Nevada.....	24,134	1,934	393	296	230	1,015
56	Pacific.....	8,049,907	581,678	138,986	85,146	63,843	293,703
57	Washington.....	1,136,464	88,286	20,038	18,408	7,373	42,467
58	Oregon.....	614,006	39,654	11,369	7,284	7,207	13,794
59	California.....	6,299,437	453,738	107,579	59,454	49,263	237,442

See footnotes at end of table.

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957

The sampling variability of the estimates is shown in table 4)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Depreciable or depletable assets						Value added by manufacture ¹		
Total	Salaries and wages paid to own employees	Other maintenance and repair costs	Insurance premiums	Rental payments	Property taxes paid	Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
9,010,857	4,539,056	4,471,801	667,436	1,411,235	1,450,375	110,489,215	48,302,020	7,295,331	144,518,305	147,928,554	1
510,769	255,946	254,823	53,540	107,512	100,197	6,626,094	3,054,744	419,269	10,640,261	10,835,072	2
41,727	20,335	21,392	3,441	5,819	9,207	600,265	255,064	31,909	615,333	619,501	3
24,587	10,820	13,767	3,004	4,791	5,833	303,456	133,674	19,912	505,255	515,082	4
9,894	4,959	4,935	1,558	1,642	3,144	172,281	81,834	9,912	266,214	265,272	5
216,865	104,854	112,011	26,004	53,474	32,604	2,834,399	1,282,982	185,853	4,997,425	5,066,469	6
41,177	21,953	19,224	4,566	10,590	7,461	517,367	254,827	31,576	762,013	766,887	7
176,519	93,025	83,494	14,967	31,196	41,948	2,198,326	1,046,363	140,107	3,494,021	3,601,861	8
2,097,065	1,088,452	1,008,613	171,510	412,770	222,641	24,184,656	11,588,893	1,565,619	36,187,033	37,150,042	9
725,157	352,737	372,420	88,328	244,496	84,235	8,378,556	3,982,645	571,868	16,092,459	16,509,025	10
380,805	195,198	185,607	33,889	75,137	71,196	5,280,441	2,424,047	340,864	7,533,523	7,719,418	11
991,105	540,517	450,586	49,293	93,137	67,210	10,525,659	5,182,201	652,887	12,561,051	12,921,599	12
2,955,233	1,516,764	1,438,469	156,883	362,586	545,171	34,957,862	15,204,308	2,336,517	44,768,632	45,533,027	13
882,731	449,544	433,187	43,294	88,547	151,798	10,207,008	4,556,023	643,867	12,439,287	12,757,197	14
449,265	225,243	224,022	18,277	35,493	59,682	5,371,731	2,349,936	341,351	5,783,502	5,871,845	15
642,042	325,809	316,233	46,825	113,358	93,306	8,204,858	3,506,864	535,873	12,154,017	12,363,458	16
771,867	411,943	359,924	31,329	174,803	174,803	8,280,819	3,610,820	639,780	10,341,202	10,375,378	17
209,328	104,225	105,103	17,158	58,396	65,582	2,873,446	1,181,265	175,646	4,050,624	4,165,149	18
414,526	207,618	206,908	40,607	83,989	88,445	5,698,696	2,385,104	401,777	8,701,117	8,820,159	19
93,527	46,112	47,415	10,163	20,325	32,743	1,344,075	536,944	87,418	1,999,417	2,043,918	20
77,795	36,975	40,820	8,122	10,876	16,710	1,087,147	459,676	82,146	1,518,683	1,561,709	21
146,433	75,942	70,491	14,528	34,378	23,147	1,993,169	859,200	138,861	3,296,475	3,294,752	22
1,723	793	930	116	202	430	52,420	16,100	4,513	51,836	51,389	23
4,208	2,212	1,996	477	855	1,095	57,822	26,764	4,155	94,252	94,487	24
27,380	12,719	14,661	2,697	6,722	5,172	403,194	163,800	27,263	531,705	548,906	25
63,460	32,865	30,595	4,704	10,631	9,148	760,869	322,620	57,421	1,208,749	1,224,998	26
932,865	434,649	498,216	66,320	103,221	119,543	12,456,969	5,216,153	789,009	13,662,176	13,932,390	27
36,816	19,341	17,475	2,145	2,361	1,441	602,979	192,867	45,889	467,633	497,717	28
199,513	110,220	89,293	11,786	19,015	26,412	2,028,426	857,728	121,509	2,273,453	2,294,868	29
5,011	2,584	2,427	739	2,624	1,345	107,675	55,195	5,776	178,423	179,698	30
118,735	55,385	63,350	9,144	11,627	15,614	1,675,727	793,172	102,994	2,030,658	2,076,864	31
132,612	68,232	64,380	4,493	4,083	7,110	1,590,870	793,403	90,457	1,168,360	1,219,525	32
144,111	60,674	83,437	12,174	20,809	26,901	2,232,466	944,980	140,308	2,893,570	2,929,291	33
93,674	33,859	59,815	5,759	6,589	11,204	1,351,223	543,822	79,339	1,320,057	1,335,150	34
128,741	53,821	74,920	10,459	18,605	15,373	1,616,369	619,689	104,530	2,117,382	2,137,662	35
73,652	30,523	43,119	9,621	17,508	14,143	1,251,234	415,297	98,207	1,261,640	1,261,615	36
405,981	191,911	214,070	27,707	48,565	40,340	5,449,336	2,323,475	339,305	6,058,306	6,292,068	37
85,767	47,009	38,758	7,105	7,763	9,994	1,243,233	507,924	89,743	1,747,621	1,838,617	38
122,405	54,456	67,949	8,910	13,570	12,765	1,833,335	829,002	116,527	2,064,862	2,126,529	39
161,091	74,976	86,115	7,668	20,926	12,169	1,907,537	792,580	99,223	1,665,202	1,711,356	40
36,718	15,470	21,248	4,024	6,306	5,412	465,231	193,969	33,812	580,621	615,566	41
635,693	299,060	336,633	47,021	69,745	84,522	9,054,263	3,650,432	599,906	7,626,819	7,933,099	42
55,142	24,447	30,695	5,417	5,144	5,047	629,395	234,375	43,940	639,785	640,981	43
150,480	72,195	78,285	9,875	12,040	18,325	2,112,740	820,910	138,841	1,491,514	1,508,640	44
45,497	22,015	23,482	4,557	6,259	6,973	613,530	292,585	39,412	727,043	744,165	45
384,574	180,403	204,171	27,172	46,302	54,177	5,698,598	2,302,562	377,713	4,768,477	5,039,313	46
175,553	82,104	93,449	11,777	19,350	26,689	1,950,100	843,962	128,934	2,129,720	2,246,288	47
22,325	8,011	14,314	1,232	2,023	4,203	295,270	123,038	25,681	198,918	202,479	48
22,580	9,763	12,817	1,965	1,550	2,615	237,415	116,822	18,276	210,231	232,787	49
8,761	4,937	3,824	566	925	1,160	179,332	88,374	8,067	58,988	61,258	50
46,639	20,887	25,752	3,090	6,887	9,840	487,420	206,412	29,722	653,403	680,983	51
5,214	2,783	2,431	861	702	702	58,862	22,148	4,115	166,457	166,820	52
21,428	11,288	10,140	1,909	3,786	2,469	202,094	86,865	13,036	309,542	336,275	53
40,971	20,599	20,372	1,782	2,791	5,313	424,377	171,260	23,073	440,702	473,514	54
7,655	3,836	3,799	372	889	387	65,330	29,043	6,964	91,479	92,172	55
860,775	413,799	446,976	87,677	192,739	231,884	10,191,058	4,085,210	736,336	14,764,634	15,181,802	56
159,348	79,579	79,769	11,262	16,770	23,697	1,846,183	710,049	125,220	2,079,252	2,123,411	57
84,141	36,456	47,685	11,558	10,685	17,810	1,021,347	415,257	97,986	1,055,840	1,061,734	58
617,286	297,764	319,522	64,857	165,284	190,377	7,323,528	2,959,904	513,130	11,629,542	11,996,637	59

MANUFACTURES-SUMMARY STATISTICS

Table 2.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	New England:						
	Maine, total ⁴	366,253	22,503	6,973	4,632	1,806	9,092
20	Food and kindred products.....	39,037	2,146	714	545	243	644
22	Textile mill products.....	41,931	2,833	973	700	263	897
23	Apparel and related products.....	14,586	892	290	222	42	338
26	Paper and allied products.....	89,145	6,323	1,681	682	378	3,582
31	Leather and leather products.....	64,499	3,340	1,247	1,202	210	681
35	Machinery, except electrical.....	15,044	1,081	329	188	47	517
37	Transportation equipment.....	16,321	972	307	132	54	479
	New Hampshire, total ⁴	284,069	18,548	5,542	3,668	1,947	7,391
22	Textile mill products.....	47,791	3,116	1,017	767	377	955
25	Furniture and fixtures.....	6,749	464	133	85	64	182
26	Paper and allied products.....	28,335	2,429	555	238	226	1,410
31	Leather and leather products.....	64,658	3,856	1,290	1,090	291	1,185
32	Stone, clay, and glass products.....	6,885	434	117	73	91	153
35	Machinery, except electrical.....	36,220	2,494	726	349	216	1,203
36	Electrical machinery.....	27,578	1,969	530	484	108	847
	Vermont, total ⁴	133,284	11,454	2,518	2,887	812	5,237
20	Food and kindred products.....	10,189	744	213	84	60	387
22	Textile mill products.....	4,451	255	73	74	37	71
35	Machinery, except electrical.....	34,802	3,740	604	335	148	2,653
	Massachusetts, total ⁴	2,908,459	218,477	52,192	35,240	23,483	107,562
20	Food and kindred products.....	201,302	15,134	3,752	2,066	2,111	7,205
22	Textile mill products.....	192,592	13,432	3,796	3,458	2,126	4,052
23	Apparel and related products.....	179,893	10,435	3,337	3,239	1,030	2,829
25	Furniture and fixtures.....	48,881	2,755	866	578	558	753
26	Paper and allied products.....	148,605	10,851	2,739	1,543	1,414	5,355
27	Printing and publishing.....	170,358	9,997	2,865	1,525	1,128	4,479
28	Chemicals and allied products.....	82,807	7,116	1,463	753	839	4,061
29	Petroleum and coal products.....	7,981	1,225	136	53	84	952
30	Rubber and plastics products, nec.....	118,698	12,034	2,090	1,351	1,156	7,437
31	Leather and leather products.....	218,015	13,571	4,153	3,782	2,034	3,602
32	Stone, clay, and glass products.....	53,565	4,969	906	443	466	3,154
33	Primary metal industries.....	109,348	10,855	1,957	1,072	1,203	6,623
34	Fabricated metal products.....	178,552	12,550	3,164	1,994	2,256	5,136
35	Machinery, except electrical.....	417,651	34,461	6,880	4,151	2,684	20,746
36	Electrical machinery.....	341,637	25,999	6,304	4,152	1,721	13,822
37	Transportation equipment.....	149,389	12,342	2,602	1,784	750	7,206
38	Instruments and related products.....	102,672	7,926	1,907	1,012	462	4,545
39	Miscellaneous manufactures.....	165,074	11,547	2,902	2,250	1,293	5,102
	Rhode Island, total ⁴	449,587	36,869	8,245	9,226	4,015	15,383
20	Food and kindred products.....	22,737	2,117	436	459	233	989
22	Textile mill products.....	105,558	8,096	2,114	2,425	1,073	2,484
27	Printing and publishing.....	17,290	895	184	189	36	486
30	Rubber and plastics products, nec.....	22,221	2,196	416	511	203	1,066
33	Primary metal industries.....	35,806	4,536	666	759	324	2,787
34	Fabricated metal products.....	31,675	3,470	579	680	311	1,900
35	Machinery, except electrical.....	58,248	5,299	1,008	1,167	472	2,652
39	Miscellaneous manufactures.....	90,338	5,185	1,606	1,748	741	1,090
	Connecticut, total ⁴	2,039,811	169,731	36,575	21,509	14,017	97,630
20	Food and kindred products.....	54,561	4,080	902	430	498	2,250
22	Textile mill products.....	94,137	6,440	1,904	1,401	737	2,398
23	Apparel and related products.....	38,418	2,289	686	556	175	872
26	Paper and allied products.....	40,133	3,490	688	422	413	1,967
27	Printing and publishing.....	78,630	4,480	1,331	587	335	2,227
28	Chemicals and allied products.....	60,570	4,595	1,070	517	416	2,592
30	Rubber and plastics products, nec.....	61,170	6,366	1,112	647	261	4,261
31	Leather and leather products.....	8,473	346	149	114	44	39
32	Stone, clay, and glass products.....	27,831	1,165	331	151	180	503
33	Primary metal industries.....	142,784	16,137	2,491	1,482	1,719	10,445
34	Fabricated metal products.....	201,806	15,969	3,665	2,052	1,413	8,839
35	Machinery, except electrical.....	391,454	36,497	7,202	4,114	2,718	22,463
36	Electrical machinery.....	158,594	12,565	2,853	1,814	1,002	6,896
37	Transportation equipment.....	434,004	34,200	7,606	3,357	2,677	20,560
	Middle Atlantic:						
	New York, total ⁴	8,877,284	625,190	137,904	100,922	72,470	313,894
20	Food and kindred products.....	696,041	58,017	12,068	7,478	8,222	30,249
22	Textile mill products.....	241,771	16,704	4,304	4,031	2,404	5,965
23	Apparel and related products.....	1,300,264	57,080	7,466	18,549	7,373	23,692

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-27

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957-Continued

The sampling variability of the estimates is shown in table 4.)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
41,727	20,335	21,392	3,441	5,819	9,207	600,265	255,064	31,909	615,333	619,501	
3,865	1,420	2,445	678	1,365	970	61,982	27,645	5,442	88,477	102,576	20
5,553	2,099	3,454	323	374	1,024	49,357	21,920	2,479	64,967	57,600	22
1,181	640	541	77	410	236	12,918	6,814	474	20,898	25,257	23
21,854	11,182	10,672	749	308	4,314	340,225	129,205	13,640	184,206	184,033	26
2,579	1,078	1,501	406	2,063	389	19,638	7,027	1,894	92,161	92,452	31
1,351	932	419	64	303	213	14,404	7,749	949	15,420	12,276	35
990	706	284	52	281	322	14,933	7,085	895	31,266	29,467	37
24,587	10,820	13,767	3,004	4,791	5,833	303,456	133,674	19,912	505,255	515,082	
5,437	1,820	3,617	459	657	892	60,417	27,044	3,577	75,729	78,187	22
189	80	109	72	244	82	3,319	1,106	264	10,646	10,959	25
5,992	2,622	3,370	263	97	1,272	75,526	31,287	3,462	61,291	61,967	26
3,572	1,577	1,995	369	1,778	513	21,130	9,703	20,44	90,578	91,608	31
584	363	221	114	219	219	8,141	4,238	579	12,340	13,041	32
1,811	977	834	301	457	931	34,755	14,502	2,376	79,541	79,985	35
1,168	725	443	293	399	306	23,707	9,520	2,350	52,019	52,631	36
9,894	4,959	4,935	1,558	1,642	3,144	172,281	81,834	9,912	266,214	265,272	
1,256	388	868	260	82	362	24,426	10,948	1,469	25,247	25,572	20
259	167	92	23	41	100	7,484	4,028	427	7,007	5,808	22
2,549	1,614	935	218	324	937	36,285	17,456	1,687	59,351	58,292	35
216,865	104,854	112,011	26,004	53,474	32,604	2,834,399	1,282,982	185,853	4,997,425	5,066,469	
19,081	8,948	10,133	4,008	5,348	5,048	278,367	146,481	22,633	384,459	396,612	20
19,762	8,621	11,141	1,873	3,401	2,939	296,710	137,533	14,702	329,625	316,186	22
4,420	1,681	2,739	2,357	6,288	600	43,789	20,937	4,200	284,127	286,426	23
2,068	1,206	862	677	1,884	523	24,765	10,989	2,361	78,637	78,491	25
19,178	9,279	9,899	1,619	1,924	2,793	257,410	119,402	13,523	261,821	266,861	26
5,115	2,622	2,493	1,538	4,828	1,421	138,036	63,366	10,341	298,998	298,819	27
14,108	7,864	6,244	1,605	2,097	1,977	185,990	79,192	10,459	194,451	203,150	28
3,088	1,203	1,885	75	260	349	45,498	20,243	3,143	20,034	22,138	29
12,423	5,408	7,015	566	1,142	1,468	134,593	68,938	8,256	207,910	206,311	30
9,590	4,457	5,133	2,403	6,664	1,160	65,065	32,420	6,198	326,600	329,021	31
7,624	3,775	3,849	789	778	999	95,701	39,549	5,218	96,813	100,592	32
16,133	8,008	8,125	548	1,898	1,785	147,512	92,280	9,105	183,434	179,442	33
13,209	6,573	6,636	2,022	3,918	1,852	141,300	67,604	10,849	332,751	330,572	34
23,345	13,041	12,304	2,275	5,321	4,678	417,553	202,168	27,277	672,503	695,010	35
26,713	12,138	14,575	1,938	5,250	2,668	242,352	107,045	18,984	612,548	612,060	36
14,119	7,298	6,821	859	1,423	1,957	121,695	57,259	7,704	236,356	241,530	37
5,245	2,744	2,501	426	1,328	922	77,820	31,218	5,343	184,791	203,388	38
10,799	5,489	5,310	1,287	3,653	1,188	114,163	55,337	9,314	261,635	269,079	39
41,177	21,953	19,224	4,566	10,590	7,461	517,367	254,827	31,576	762,013	766,887	
2,221	1,279	942	346	1,081	579	36,004	16,142	1,630	42,947	43,803	20
14,304	8,571	5,733	1,048	2,265	2,023	147,753	71,324	7,479	158,871	150,722	22
896	555	341	49	167	191	16,774	7,852	1,146	28,895	29,002	27
1,871	826	1,045	101	256	341	23,971	15,395	1,337	39,236	38,921	30
4,549	2,005	2,544	265	543	600	42,235	20,385	2,651	65,555	68,916	33
2,161	1,313	848	335	975	450	22,204	10,000	1,627	53,859	55,708	34
2,988	1,554	1,434	532	870	1,358	80,307	40,901	5,592	87,812	93,439	35
4,615	2,127	2,488	1,060	2,799	830	59,500	30,634	4,800	154,368	155,970	39
176,519	93,025	83,494	14,967	31,196	41,948	2,198,326	1,046,363	140,107	3,494,021	3,601,861	
4,265	1,849	2,416	1,092	1,762	1,660	80,108	38,048	5,362	133,325	137,825	20
9,244	4,981	4,263	1,051	2,553	2,056	126,810	66,924	6,694	137,416	134,897	22
809	306	503	466	1,080	384	9,179	4,945	817	79,819	80,644	23
5,142	2,594	2,548	389	1,049	1,049	61,450	24,686	3,554	65,474	65,934	26
4,120	2,442	1,678	1,054	1,121	1,485	80,816	29,971	4,369	132,605	133,745	27
9,671	4,169	5,502	770	1,739	1,739	157,195	71,403	10,267	157,718	165,294	28
7,367	3,214	4,153	247	966	1,029	83,273	38,196	5,370	110,765	115,065	30
324	64	260	59	284	29	1,313	696	220	11,596	11,695	31
2,393	972	1,421	536	300	380	41,750	14,912	3,061	49,693	52,214	32
23,361	11,636	11,725	803	1,342	6,091	229,458	113,247	12,984	250,920	248,764	33
16,731	8,941	7,790	1,890	2,501	4,597	221,477	102,369	13,234	325,918	324,744	34
26,933	16,479	10,454	2,256	7,087	8,197	459,358	230,039	28,200	682,316	697,302	35
8,721	4,168	4,553	790	3,214	3,004	113,382	52,868	8,671	306,701	329,425	36
39,140	21,008	18,132	1,932	4,399	4,589	265,010	124,294	21,648	654,433	690,670	37
725,157	352,737	372,420	88,328	244,496	84,235	8,378,556	3,982,645	571,868	16,092,459	16,509,025	
75,948	35,133	40,815	11,897	19,372	11,535	1,066,665	598,914	62,137	1,513,642	1,553,644	20
15,067	6,357	8,710	3,195	7,347	2,402	203,982	95,053	14,184	386,044	396,454	22
43,227	12,403	30,824	17,352	54,455	2,464	256,584	103,368	31,796	2,254,001	2,297,702	23

MANUFACTURES-SUMMARY STATISTICS

Table 2.-Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	Middle Atlantic--Continued						
	New York--Continued						
24	Lumber and wood products.....	60,714	3,689	981	734	984	990
25	Furniture and fixtures.....	171,544	10,987	2,938	2,133	2,028	3,888
26	Paper and allied products.....	298,405	21,220	5,189	3,064	3,479	9,488
27	Printing and publishing.....	922,514	55,797	13,757	7,071	4,866	30,103
28	Chemicals and allied products.....	357,108	31,066	6,058	2,928	3,047	19,033
29	Petroleum and coal products.....	20,868	2,807	339	173	195	2,100
30	Rubber and plastics products, nec.....	47,631	4,178	798	388	530	2,462
31	Leather and leather products.....	197,666	15,257	3,611	3,102	1,854	6,690
32	Stone, clay, and glass products.....	206,018	14,871	3,466	2,365	1,941	7,099
33	Primary metal industries.....	461,282	44,385	7,819	4,651	4,764	27,171
34	Fabricated metal products.....	467,467	36,698	8,611	6,265	6,384	15,438
35	Machinery, except electrical.....	867,815	62,076	14,439	8,098	7,395	32,144
36	Electrical machinery.....	682,664	56,938	14,408	8,709	4,381	29,440
37	Transportation equipment.....	704,209	41,184	11,878	9,396	5,501	14,409
38	Instruments and related products.....	465,870	39,458	7,240	3,681	2,012	26,525
	New Jersey, total ⁴	3,916,266	330,695	65,779	43,841	39,835	181,240
20	Food and kindred products.....	296,259	27,348	5,252	3,179	3,294	15,623
22	Textile mill products.....	169,690	11,619	2,997	2,238	2,102	4,282
23	Apparel and related products.....	233,597	16,905	3,798	3,431	6,465	3,211
26	Paper and allied products.....	128,872	9,739	2,230	1,443	1,660	4,406
27	Printing and publishing.....	153,736	8,737	2,182	1,216	705	4,634
28	Chemicals and allied products.....	481,289	43,363	7,495	3,665	3,932	28,271
29	Petroleum and coal products.....	85,469	10,069	1,259	444	378	7,988
33	Primary metal industries.....	204,994	21,957	3,444	1,895	2,596	14,022
34	Fabricated metal products.....	267,685	23,373	4,801	3,310	3,214	12,048
35	Machinery, except electrical.....	398,381	33,824	6,761	3,909	3,502	19,652
36	Electrical machinery.....	531,943	44,799	9,289	6,681	2,969	25,860
37	Transportation equipment.....	321,859	31,633	5,584	4,622	2,979	18,478
38	Instruments and related products.....	169,092	15,748	2,821	1,570	1,458	9,899
39	Miscellaneous manufactures.....	160,770	8,995	2,431	2,118	1,255	3,191
	Pennsylvania, total ⁴	6,832,174	555,593	119,332	77,765	28,895	329,601
20	Food and kindred products.....	477,580	33,296	8,500	5,136	2,694	16,966
21	Tobacco manufactures.....	37,233	2,108	778	710	75	545
22	Textile mill products.....	346,878	22,285	6,305	5,321	1,286	9,373
23	Apparel and related products.....	443,940	28,307	8,592	7,704	1,089	10,922
24	Lumber and wood products.....	52,378	2,287	725	595	465	2,766
25	Furniture and fixtures.....	97,034	6,544	1,868	1,299	611	2,766
26	Paper and allied products.....	190,214	13,631	3,204	1,706	1,116	7,605
27	Printing and publishing.....	317,704	15,932	5,082	1,900	927	8,023
28	Chemicals and allied products.....	237,450	15,932	4,075	2,367	1,202	13,937
29	Petroleum and coal products.....	103,009	10,035	1,594	659	390	7,392
31	Leather and leather products.....	96,099	5,501	1,903	1,452	424	1,722
32	Stone, clay, and glass products.....	312,977	26,950	5,560	3,645	1,913	15,832
33	Primary metal industries.....	1,545,257	160,001	25,795	15,417	5,040	113,749
34	Fabricated metal products.....	569,536	46,264	10,083	6,844	3,224	26,113
35	Machinery, except electrical.....	718,896	58,289	12,991	7,155	3,690	34,453
36	Electrical machinery.....	561,226	47,042	10,066	7,002	1,641	28,333
37	Transportation equipment.....	347,780	27,984	5,928	4,410	1,669	15,977
38	Instruments and related products.....	150,976	9,859	2,178	1,529	400	5,752
	East North Central:						
	Ohio, total ⁴	6,880,783	562,388	117,985	41,173	43,760	359,470
20	Food and kindred products.....	380,701	24,732	6,610	2,261	3,611	12,250
22	Textile mill products.....	45,086	2,611	832	424	264	1,091
23	Apparel and related products.....	76,000	4,378	1,451	841	370	1,716
25	Furniture and fixtures.....	103,585	9,209	2,019	740	997	5,453
26	Paper and allied products.....	191,230	15,097	3,354	969	1,398	9,376
27	Printing and publishing.....	310,726	14,704	5,054	1,097	875	7,678
28	Chemicals and allied products.....	255,135	20,445	4,092	1,170	1,899	13,284
30	Rubber and plastics products, nec.....	403,307	39,622	6,813	1,551	1,790	29,468
31	Leather and leather products.....	45,307	2,691	1,013	349	305	1,024
32	Stone, clay, and glass products.....	306,587	21,992	5,597	1,857	3,617	10,921
33	Primary metal industries.....	1,077,142	106,192	17,846	5,227	5,817	77,302
34	Fabricated metal products.....	686,946	51,756	11,786	4,785	6,483	28,702
35	Machinery, except electrical.....	1,265,739	98,664	21,451	6,665	7,858	62,690
36	Electrical machinery.....	446,473	40,202	8,140	3,995	1,972	26,095
37	Transportation equipment.....	998,429	91,888	17,260	7,059	4,417	63,152
38	Instruments and related products.....	47,165	3,100	758	431	242	1,669
39	Miscellaneous manufactures.....	161,722	10,879	2,837	1,412	1,313	5,317
	Indiana, total ⁴	3,020,499	258,926	52,595	22,727	12,091	171,513
20	Food and kindred products.....	221,065	15,278	3,815	1,661	1,415	8,387
23	Apparel and related products.....	34,778	2,175	727	541	107	800
24	Lumber and wood products.....	38,972	2,190	655	423	346	766

See footnotes at end of table.

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957-Continued

The sampling variability of the estimates is shown in table 4.)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
3,255	1,359	1,896	1,753	1,544	802	57,462	29,538	4,834	90,913	88,984	24
6,877	3,450	3,447	2,657	8,127	1,930	107,698	51,003	8,388	320,825	325,421	25
38,558	17,978	20,560	2,875	8,341	4,347	505,081	217,421	24,989	540,452	547,000	26
30,582	13,026	17,556	6,994	39,294	4,185	597,190	283,202	41,443	1,893,043	1,929,133	27
57,213	26,980	30,233	4,856	8,661	7,434	815,681	380,017	46,737	1,054,441	1,103,559	28
7,006	3,435	3,571	426	515	969	109,048	59,983	7,026	53,200	59,674	29
5,026	2,359	2,667	274	787	739	81,598	37,549	4,203	82,920	84,603	30
7,274	2,664	4,610	2,034	6,653	1,778	72,041	39,504	5,677	312,782	320,858	31
27,316	13,282	14,034	1,975	4,636	3,253	340,269	141,924	21,178	360,743	374,954	32
130,902	71,224	59,678	2,247	2,151	10,279	880,170	508,684	45,118	873,019	866,589	33
27,343	12,972	14,371	6,245	14,689	4,656	385,903	185,326	27,661	772,080	798,131	34
58,533	29,913	28,620	7,615	15,912	6,804	967,831	376,995	56,673	1,447,122	1,516,846	35
36,141	19,199	16,942	4,410	16,426	5,940	468,732	209,331	34,604	1,196,534	1,231,110	36
65,028	40,002	25,026	3,211	7,631	4,516	545,538	238,744	41,711	948,076	940,430	37
35,331	18,513	16,818	1,664	7,505	5,316	493,160	230,581	28,372	840,258	895,934	38
380,805	195,198	185,607	33,889	75,137	71,196	5,280,441	2,424,047	340,864	7,533,523	7,719,418	
29,829	16,024	13,805	3,616	6,199	7,098	493,417	211,176	28,024	712,651	722,496	20
15,798	7,129	8,669	2,840	4,319	2,765	210,671	100,149	11,532	268,037	258,988	22
7,258	3,118	4,140	2,136	6,773	1,091	74,660	37,592	6,075	368,746	368,073	23
26,981	10,053	16,928	1,564	4,688	2,704	253,785	108,229	14,904	242,300	245,226	26
6,645	4,305	2,340	972	3,615	1,648	111,185	39,509	7,873	247,484	248,200	27
98,463	47,712	50,751	5,844	8,026	13,412	1,206,388	617,091	84,660	1,408,162	1,481,818	28
8,561	4,760	3,801	808	1,102	7,585	562,203	247,588	31,994	153,693	175,930	29
34,323	17,979	16,344	1,034	1,707	4,031	319,769	164,422	18,267	349,470	344,410	33
24,187	13,741	10,446	2,585	6,007	4,371	279,544	123,282	19,782	481,847	501,914	34
24,393	14,671	9,722	2,717	5,734	6,615	432,193	191,954	30,027	657,906	678,713	35
32,726	18,449	14,277	1,964	9,145	6,295	427,877	181,830	29,366	891,474	911,021	36
22,227	12,060	10,167	2,183	3,589	4,704	273,438	130,850	15,171	674,319	667,113	37
10,830	6,193	4,637	981	2,901	1,916	122,526	48,151	10,196	250,570	264,325	38
9,974	5,329	4,645	1,856	5,310	2,049	131,277	61,610	10,976	278,364	286,638	39
991,103	540,517	450,586	49,293	93,137	67,210	10,525,659	5,182,201	652,887	12,561,051	12,921,599	
47,581	21,531	26,050	6,981	9,429	5,746	736,093	342,776	48,483	968,436	1,098,080	20
3,542	1,704	1,838	165	1,067	139	26,940	10,316	1,507	86,718	88,102	21
23,895	12,675	11,220	3,008	5,919	2,452	417,623	200,995	24,364	552,154	534,761	22
9,460	5,007	4,453	3,256	10,438	1,076	109,904	51,178	8,733	662,052	668,896	23
3,790	1,550	2,240	982	1,755	503	58,510	23,456	5,084	88,536	87,846	24
6,579	3,076	3,503	968	1,993	569	80,489	35,313	5,315	159,513	163,777	25
27,437	13,206	14,231	2,211	3,722	2,397	419,860	181,230	21,417	365,966	368,048	26
17,138	7,859	9,279	2,465	5,014	2,156	325,871	144,461	21,712	551,360	565,054	27
40,034	20,961	19,073	3,725	2,937	3,144	643,841	323,594	41,749	714,434	726,871	28
61,378	31,641	29,737	1,839	1,515	1,472	764,023	362,052	41,766	211,878	239,966	29
4,460	1,779	2,681	812	3,192	362	45,497	24,244	3,096	144,814	143,204	31
58,176	31,009	27,167	2,475	1,927	3,251	632,056	216,041	36,460	643,952	663,880	32
493,985	285,227	208,758	5,927	11,441	24,931	3,950,546	2,112,087	235,431	2,802,070	2,837,342	33
50,320	27,346	22,974	3,808	8,683	4,568	596,761	302,723	34,969	980,437	1,033,579	34
47,597	25,110	22,487	4,624	9,430	5,129	609,872	343,132	50,787	1,186,494	1,232,756	35
43,278	21,955	21,323	1,911	5,143	3,486	485,598	202,528	32,620	1,164,559	1,204,312	36
33,054	19,519	13,535	1,232	2,871	3,460	350,698	180,948	17,634	635,823	617,579	37
8,121	4,330	3,791	714	1,507	567	91,547	37,693	5,866	223,955	231,281	38
882,731	449,544	433,187	43,294	88,547	151,798	10,207,008	4,556,023	643,867	12,439,287	12,757,197	
34,898	16,566	18,332	4,908	7,106	8,248	523,441	222,349	35,624	741,628	766,298	20
4,971	2,494	2,477	276	376	969	53,602	24,616	2,922	78,736	82,727	22
1,912	993	919	602	2,014	1,149	34,401	16,862	1,833	114,248	115,497	23
6,084	3,856	2,228	1,089	2,591	2,106	82,683	35,606	4,379	187,311	190,206	25
30,719	14,804	15,915	1,385	2,599	4,413	362,779	150,029	17,525	356,537	362,045	26
12,819	4,778	8,041	1,924	5,690	4,580	320,337	121,857	29,615	540,802	545,802	27
47,730	24,078	23,652	2,829	4,336	7,993	736,508	313,311	45,195	693,853	708,567	28
45,881	24,511	21,370	1,777	3,909	7,542	530,517	280,555	32,134	637,069	683,181	30
3,212	1,171	2,041	187	694	707	22,677	9,444	986	66,723	68,702	31
45,999	20,312	25,687	2,472	2,105	7,521	577,795	242,486	40,514	586,109	604,652	32
319,333	162,331	157,002	4,958	6,969	29,886	2,805,029	1,330,206	154,962	2,134,844	2,165,999	33
62,644	32,550	30,094	5,634	12,332	14,976	817,006	317,344	49,299	1,132,705	1,160,464	34
85,075	42,058	43,017	6,762	15,870	28,453	1,336,775	667,661	94,503	2,181,770	2,246,193	35
34,982	18,930	16,052	2,668	5,374	9,177	387,330	194,110	27,409	847,302	867,735	36
115,505	64,844	50,661	2,846	12,263	16,189	1,122,010	383,052	87,599	1,568,327	1,611,899	37
2,066	842	1,224	241	355	189	34,820	13,001	1,902	73,799	75,499	38
11,473	6,147	5,326	1,302	2,858	2,735	148,416	59,854	10,157	279,138	275,137	39
449,265	225,243	224,022	18,277	35,493	59,682	5,371,731	2,349,936	341,351	5,783,502	5,871,845	
26,677	12,263	14,414	3,321	4,769	5,202	350,155	149,035	24,712	497,143	493,930	20
1,278	690	588	215	461	450	17,762	7,762	1,327	61,189	60,165	23
3,186	1,096	2,090	699	710	657	38,399	14,390	2,855	68,185	69,691	24

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	East North Central--Continued						
	Indiana--Continued						
25	Furniture and fixtures.....	79,393	5,159	1,486	924	591	2,158
26	Paper and allied products.....	51,945	3,753	987	379	318	2,069
28	Chemicals and allied products.....	147,767	13,595	2,327	689	707	9,872
29	Petroleum and coal products.....	70,540	7,082	1,038	160	174	5,710
30	Rubber and plastics products, nec.....	75,668	6,373	1,283	518	314	4,258
32	Stone, clay, and glass products.....	120,704	8,622	2,194	1,054	987	4,387
33	Primary metal industries.....	574,688	54,639	9,257	2,397	1,824	41,161
34	Fabricated metal products.....	204,683	16,964	3,605	1,591	1,173	10,595
35	Machinery, except electrical.....	320,784	24,160	5,750	2,254	1,623	14,533
36	Electrical machinery.....	321,424	30,022	5,994	2,752	1,017	20,279
37	Transportation equipment.....	556,254	57,736	9,669	5,375	2,865	39,827
38	Instruments and related products.....	13,092	1,022	275	146	47	554
39	Miscellaneous manufactures.....	81,485	5,598	1,596	1,049	311	2,642
	Illinois, total ⁴	6,268,291	468,744	108,419	50,487	36,477	273,361
20	Food and kindred products.....	629,010	47,584	11,304	4,948	5,054	26,278
22	Textile mill products.....	40,651	2,439	722	451	327	939
25	Furniture and fixtures.....	126,002	7,490	2,256	1,284	988	2,962
26	Paper and allied products.....	158,702	9,958	2,720	1,282	1,240	4,716
27	Printing and publishing.....	546,802	28,049	8,527	2,980	1,687	14,855
28	Chemicals and allied products.....	274,930	21,707	4,551	1,899	1,838	13,419
29	Petroleum and coal products.....	88,069	10,737	1,446	455	528	8,328
30	Rubber and plastics products, nec.....	30,919	2,046	544	318	218	966
31	Leather and leather products.....	69,638	5,141	1,351	1,099	422	2,269
32	Stone, clay, and glass products.....	175,215	11,760	3,117	1,418	1,331	5,894
33	Primary metal industries.....	547,194	47,373	9,374	4,147	3,920	29,932
34	Fabricated metal products.....	659,886	48,621	11,405	5,008	5,377	26,831
35	Machinery, except electrical.....	1,214,664	102,546	21,569	9,496	6,297	64,984
36	Electrical machinery.....	747,916	56,735	13,371	6,784	2,905	33,675
37	Transportation equipment.....	324,668	30,747	5,606	3,027	1,564	20,550
38	Instruments and related products.....	196,698	11,097	3,170	1,144	578	6,205
39	Miscellaneous manufactures.....	219,143	12,284	3,582	2,209	1,372	5,121
	Michigan, total ⁴	5,478,394	525,171	95,383	74,455	26,413	328,920
20	Food and kindred products.....	281,618	22,523	4,980	3,155	1,694	12,694
23	Apparel and related products.....	37,495	3,505	692	669	89	2,055
25	Furniture and fixtures.....	91,104	5,844	1,567	1,159	497	2,621
26	Paper and allied products.....	167,224	13,399	2,960	1,944	1,141	7,354
28	Chemicals and allied products.....	235,851	26,903	3,769	1,911	914	20,309
30	Rubber and plastics products, nec.....	67,995	5,999	1,152	689	310	3,848
31	Leather and leather products.....	13,437	1,172	249	157	96	670
32	Stone, clay, and glass products.....	87,567	6,789	1,450	1,052	588	3,699
33	Primary metal industries.....	472,586	48,927	8,086	5,440	3,254	32,147
34	Fabricated metal products.....	531,960	48,197	9,425	8,626	3,703	26,443
35	Machinery, except electrical.....	985,506	77,640	17,151	10,898	5,225	44,566
37	Transportation equipment.....	2,001,388	231,288	35,531	31,872	6,447	157,438
38	Instruments and related products.....	47,401	3,469	759	552	107	2,051
	Wisconsin, total ⁴	2,212,449	178,993	39,120	19,073	14,118	106,682
20	Food and kindred products.....	277,625	19,817	4,579	2,216	1,903	11,119
23	Apparel and related products.....	24,254	1,248	490	260	87	411
24	Lumber and wood products.....	70,199	3,608	1,178	621	867	942
26	Paper and allied products.....	177,105	12,381	3,157	1,032	1,191	7,001
28	Chemicals and allied products.....	37,287	3,659	589	400	213	2,457
30	Rubber and plastics products, nec.....	24,134	1,801	406	221	82	1,092
31	Leather and leather products.....	67,486	4,101	1,283	544	394	1,880
32	Stone, clay, and glass products.....	25,755	1,624	374	144	231	875
33	Primary metal industries.....	162,562	14,264	3,173	1,891	1,420	7,780
34	Fabricated metal products.....	165,656	13,278	2,803	1,465	1,382	7,628
35	Machinery, except electrical.....	524,666	46,237	9,194	3,460	3,024	30,559
36	Electrical machinery.....	208,996	19,170	3,672	1,794	693	13,011
37	Transportation equipment.....	165,015	15,614	2,963	2,249	884	8,418
38	Instruments and related products.....	56,419	5,509	954	645	173	3,737
	West North Central: Minnesota, total ⁴	1,025,600	72,352	17,757	7,051	7,054	40,490
20	Food and kindred products.....	234,628	17,573	3,945	1,641	2,063	9,924
24	Lumber and wood products.....	32,110	1,774	419	251	225	879
26	Paper and allied products.....	88,926	7,359	1,744	416	560	4,639
27	Printing and publishing.....	95,740	4,986	1,414	379	241	2,952
28	Chemicals and allied products.....	29,179	2,164	492	179	335	1,158
29	Petroleum and coal products.....	5,179	312	80	28	55	149
30	Rubber and plastics products, nec.....	3,422	310	72	49	38	151
32	Stone, clay, and glass products.....	22,720	1,555	418	183	193	761
33	Primary metal industries.....	35,487	3,540	591	163	145	2,641

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-31

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957-Continued

The sampling variability of the estimates is shown in table 4)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
5,821	3,269	2,552	845	1,617	1,275	57,115	24,765	4,279	125,523	126,958	25
6,774	2,790	3,984	447	971	1,158	82,793	26,808	4,502	93,460	93,958	26
22,261	14,043	8,218	1,154	1,247	4,526	360,969	131,899	22,369	482,987	505,540	28
26,795	16,570	10,225	592	7	3,591	504,951	237,818	23,980	138,297	140,892	29
6,439	2,986	3,453	241	870	1,009	89,560	45,276	5,040	121,696	123,544	30
21,081	9,311	11,770	1,074	945	2,061	233,477	88,328	13,708	226,334	236,075	32
164,788	76,390	88,398	2,014	3,324	13,739	1,762,734	861,922	95,519	1,128,552	1,136,582	33
20,734	10,539	10,195	1,233	1,726	3,581	236,441	96,640	14,937	359,580	364,297	34
24,184	13,387	10,797	1,910	3,780	5,390	342,976	139,783	26,236	564,525	581,924	35
34,149	18,281	15,868	961	3,809	4,841	302,058	132,910	23,444	600,787	602,670	36
67,364	34,171	33,193	2,129	8,805	9,749	792,152	302,770	66,849	983,299	992,169	37
658	370	288	71	193	203	9,759	3,731	806	24,357	24,773	38
8,613	5,413	3,200	726	958	852	64,248	31,620	3,535	128,949	135,268	39
642,042	325,809	316,233	46,825	113,358	93,306	8,204,858	3,506,864	535,873	12,154,017	12,363,458	
81,622	38,566	43,056	7,563	12,383	12,825	1,055,349	467,567	61,748	1,557,465	1,585,671	20
4,531	2,007	2,524	859	778	654	34,752	19,226	2,956	69,073	65,460	22
5,854	2,830	3,024	1,360	4,063	1,409	94,537	39,942	6,168	204,502	214,037	25
17,848	8,719	9,129	1,429	2,872	2,872	228,242	101,047	13,291	272,453	274,471	26
22,106	10,191	11,915	3,648	15,820	5,161	453,372	201,923	29,447	938,601	946,302	27
51,261	23,679	27,582	3,683	5,910	7,012	765,179	272,471	45,845	827,724	864,645	28
28,336	15,994	12,342	1,231	1,037	4,435	541,443	277,300	35,474	264,842	297,911	29
2,392	1,161	1,231	225	297	437	43,017	14,184	2,827	50,827	51,558	30
3,849	1,960	1,889	263	1,263	605	24,036	17,984	2,079	127,708	127,827	31
25,008	11,273	13,735	1,521	1,429	2,949	294,643	137,884	22,984	375,583	392,082	32
109,458	57,240	52,218	2,434	3,234	11,856	1,154,185	530,651	54,042	955,553	961,774	33
56,990	28,514	28,476	5,407	12,808	9,170	701,782	278,926	48,744	1,177,566	1,212,843	34
99,159	48,776	50,383	6,373	18,185	16,391	1,315,869	559,635	99,788	2,225,080	2,199,375	35
52,905	29,445	23,460	3,289	12,562	6,358	573,963	202,959	40,898	1,290,090	1,334,232	36
40,348	24,552	15,796	1,508	2,502	4,629	424,823	158,168	36,541	708,076	723,028	37
9,589	5,441	4,148	4,104	1,717	1,717	132,667	53,412	9,965	382,429	410,447	38
12,283	5,614	6,669	2,144	5,787	1,906	150,672	71,793	12,132	388,568	390,093	39
771,867	411,943	359,924	31,329	66,792	174,803	8,280,819	3,610,220	639,780	10,341,202	10,375,378	
31,210	11,949	19,261	4,123	6,184	8,994	426,651	182,220	32,411	618,431	642,633	20
2,918	1,525	1,393	243	707	764	26,849	7,381	2,166	51,958	53,834	23
3,820	2,082	1,738	724	1,653	2,608	71,716	26,030	4,850	173,618	176,645	25
23,763	10,969	12,794	1,309	3,241	5,958	328,721	125,213	19,827	298,925	300,358	26
61,099	33,438	27,661	1,937	5,149	14,126	692,446	336,831	50,215	610,518	621,250	28
7,080	3,789	3,291	264	1,562	2,696	110,892	65,189	7,011	111,966	116,265	30
1,043	486	557	48	132	346	13,448	5,236	1,010	24,673	24,364	31
14,562	6,753	7,809	802	620	3,181	194,911	83,543	13,251	181,565	188,148	32
151,081	62,579	88,502	2,316	4,403	22,288	1,090,164	496,204	74,332	811,656	809,500	33
52,959	29,734	23,225	3,601	7,263	15,643	604,857	218,849	59,158	871,692	878,318	34
63,594	34,871	28,723	6,321	13,736	25,384	979,325	409,936	74,406	1,601,242	1,588,819	35
319,174	195,583	123,591	4,813	10,508	61,248	3,264,659	1,465,429	266,577	4,108,771	4,079,554	37
2,544	1,691	853	234	742	668	20,986	8,056	1,843	72,902	79,087	38
209,328	104,225	105,103	17,158	58,396	65,582	2,873,446	1,181,265	175,646	4,050,624	4,165,149	
26,012	11,263	14,749	2,962	5,607	9,109	488,312	169,739	27,041	547,254	564,377	20
650	364	286	184	423	343	7,382	4,058	483	39,210	39,590	23
5,103	1,965	3,138	1,191	639	1,434	69,816	29,421	5,845	108,193	116,911	24
29,483	14,557	14,926	1,581	2,101	6,655	477,455	171,464	21,584	383,217	387,715	26
6,392	3,316	3,076	331	571	1,160	58,056	25,274	3,464	97,162	103,394	28
2,118	896	1,222	88	293	827	38,312	26,102	853	44,391	44,272	30
3,943	1,364	2,579	471	1,677	1,541	38,881	18,531	2,243	105,753	109,523	31
2,819	1,183	1,636	219	505	540	38,090	18,385	3,492	49,446	51,783	32
18,807	8,827	9,980	661	1,573	4,161	181,517	87,611	11,499	278,192	277,325	33
13,874	6,858	7,016	1,074	2,491	4,914	200,754	73,109	14,912	303,320	310,676	34
40,530	22,204	18,326	3,228	7,587	15,946	536,972	248,840	33,278	878,032	967,002	35
17,022	8,072	8,950	956	2,671	5,529	163,912	64,415	14,686	387,175	385,875	36
15,851	8,413	7,438	792	1,969	4,184	183,392	86,974	9,871	349,879	349,711	37
3,367	1,817	1,550	189	591	1,218	30,067	8,791	1,756	80,421	81,845	38
93,527	46,112	47,415	10,163	20,325	32,743	1,344,075	536,944	87,418	1,999,417	2,043,918	
28,133	12,777	15,356	2,976	4,237	11,208	419,739	181,393	30,043	520,389	532,367	20
2,833	958	1,895	652	1,002	878	28,745	10,601	2,767	56,349	57,969	24
14,910	8,316	6,594	829	2,555	4,497	195,856	75,937	11,177	192,505	194,741	26
2,910	1,576	1,334	501	1,373	1,707	61,225	25,036	3,382	149,688	150,155	27
4,569	1,777	2,792	585	914	1,783	84,764	29,728	5,963	119,826	120,816	28
726	301	425	282	193	361	14,129	4,492	1,350	12,994	13,253	29
369	199	170	45	262	50	3,120	1,810	248	6,706	6,887	30
3,517	1,569	1,948	317	174	797	66,024	24,673	4,571	39,123	40,346	32
8,086	4,412	3,674	162	497	1,126	79,952	60,190	3,691	53,092	55,292	33

MANUFACTURES-SUMMARY STATISTICS

Table 2.-Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	West North Central--Continued						
	Minnesota--Continued						
34	Fabricated metal products.....	53,925	4,544	1,000	438	592	2,514
35	Machinery, except electrical.....	147,476	9,862	2,674	1,166	918	5,104
37	Transportation equipment.....	40,217	3,084	701	396	275	1,712
	Iowa, total ⁴	783,973	60,612	13,837	4,420	3,631	38,724
20	Food and kindred products.....	239,827	15,952	4,153	1,206	1,175	9,418
27	Printing and publishing.....	51,258	2,323	707	247	82	1,287
28	Chemicals and allied products.....	30,137	2,935	510	197	141	2,087
30	Rubber and plastics products, nec.....	22,475	2,156	369	95	83	1,609
33	Primary metal industries.....	30,137	2,774	549	134	216	1,875
34	Fabricated metal products.....	32,369	1,956	584	270	261	841
35	Machinery, except electrical.....	189,598	20,160	3,424	881	821	15,034
36	Electrical machinery.....	39,875	3,162	750	298	72	2,042
37	Transportation equipment.....	26,135	1,245	491	217	86	451
38	Instruments and related products.....	10,080	682	192	49	15	426
	Missouri, total ⁴	1,677,452	121,595	30,082	14,385	11,447	65,681
20	Food and kindred products.....	244,373	16,542	4,411	1,791	2,166	8,174
23	Apparel and related products.....	108,423	6,143	2,088	1,614	334	2,107
24	Lumber and wood products.....	19,333	1,084	359	211	331	183
26	Paper and allied products.....	49,920	3,053	870	341	370	1,472
27	Printing and publishing.....	124,824	8,747	2,005	632	424	5,688
28	Chemicals and allied products.....	92,713	7,261	1,580	430	612	4,639
29	Petroleum and coal products.....	15,458	1,275	241	65	91	878
31	Leather and leather products.....	108,519	6,665	2,255	1,972	418	2,020
32	Stone, clay, and glass products.....	77,400	8,194	1,335	457	718	5,684
33	Primary metal industries.....	67,140	5,571	1,152	356	533	3,530
34	Fabricated metal products.....	113,462	7,967	1,968	833	1,259	3,907
35	Machinery, except electrical.....	124,786	9,106	2,072	1,008	1,030	4,996
36	Electrical machinery.....	118,086	8,583	2,332	922	667	4,662
37	Transportation equipment.....	306,139	24,757	5,374	2,512	1,510	15,361
	North Dakota ⁴	23,207	1,282	464	189	109	520
	South Dakota, total ⁴	48,287	2,954	785	273	148	1,748
20	Food and kindred products.....	34,041	2,279	570	209	91	1,409
	Nebraska, total ⁴	257,466	18,552	4,781	2,293	1,540	9,938
20	Food and kindred products.....	123,205	9,064	2,284	1,006	804	4,970
34	Fabricated metal products.....	17,867	1,167	227	111	178	651
36	Electrical machinery.....	16,785	1,478	281	155	52	990
	Kansas, total ⁴	610,333	42,111	10,783	6,575	3,645	21,108
20	Food and kindred products.....	92,747	6,348	1,740	763	742	3,103
28	Chemicals and allied products.....	36,053	3,365	627	318	413	2,007
29	Petroleum and coal products.....	26,068	2,790	445	117	175	2,053
34	Fabricated metal products.....	26,058	1,488	515	241	197	535
37	Transportation equipment.....	282,248	18,912	5,048	4,138	1,172	8,554
	South Atlantic:						
	Delaware, total ⁴	191,339	16,324	3,423	1,281	1,062	10,558
20	Food and kindred products.....	18,743	1,210	362	156	147	545
23	Apparel and related products.....	12,203	620	277	100	44	199
28	Chemicals and allied products.....	29,952	3,264	513	131	221	2,399
31	Leather and leather products.....	8,156	509	162	64	63	220
32	Stone, clay, and glass products.....	1,801	105	25	18	12	52
33	Primary metal industries.....	25,878	2,453	440	141	124	1,748
34	Fabricated metal products.....	7,646	487	134	37	53	263
35	Machinery, except electrical.....	15,680	1,170	253	81	109	727
	Maryland, total ⁴	1,273,623	97,911	22,443	10,557	7,777	57,134
20	Food and kindred products.....	135,706	9,638	2,451	1,302	1,176	4,709
22	Textile mill products.....	11,402	865	271	154	70	270
25	Furniture and fixtures.....	14,899	1,077	273	246	134	424
26	Paper and allied products.....	41,773	2,422	797	318	345	962
28	Chemicals and allied products.....	60,323	5,427	1,050	620	415	3,342
30	Rubber and plastics products, nec.....	30,338	2,447	548	288	187	1,424
31	Leather and leather products.....	8,367	438	164	82	33	159
32	Stone, clay, and glass products.....	40,532	3,146	705	296	422	1,723
33	Primary metal industries.....	217,424	17,936	3,656	1,183	1,053	12,044
34	Fabricated metal products.....	75,688	6,536	1,398	732	729	3,677
35	Machinery, except electrical.....	60,840	4,569	1,034	768	408	2,359

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-33

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957-Continued

The sampling variability of the estimates is shown in table 4.)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
4,079	1,826	2,253	662	844	1,975	69,339	26,290	4,323	100,552	105,024	34
7,839	4,052	3,807	1,254	2,302	3,703	96,599	39,869	8,419	238,569	255,658	35
1,886	1,020	866	370	502	1,124	31,028	16,524	1,913	103,629	105,064	37
77,795	36,975	40,820	8,122	10,876	16,710	1,087,147	459,676	82,146	1,518,683	1,561,709	
22,499	11,597	10,902	2,377	5,149	5,490	364,640	137,554	23,675	471,503	471,228	20
2,074	932	1,142	367	654	1,408	40,326	24,696	2,568	99,612	101,372	27
5,840	2,544	3,296	464	830	1,004	85,580	41,045	9,968	103,015	107,439	28
3,578	1,863	1,715	97	224	44,895	16,169	16,169	4,581	49,369	52,737	30
6,174	2,323	3,851	227	501	1,211	159,227	54,338	9,212	74,046	75,191	33
1,829	1,001	828	301	636	718	30,146	12,018	2,609	60,605	65,948	34
20,977	9,400	11,577	692	648	4,134	202,981	111,272	21,118	336,041	344,112	35
3,597	1,552	2,045	2,618	1,025	310	20,602	9,920	2,017	62,940	66,915	36
2,199	1,345	854	315	233	437	15,574	5,749	1,195	37,729	35,796	37
714	487	227	8	106	83	5,686	2,348	340	16,569	16,044	38
146,433	75,942	70,491	14,328	34,378	23,147	1,993,169	859,200	138,861	3,296,475	3,294,752	
21,956	11,721	10,235	3,346	6,768	4,266	418,682	195,476	27,485	541,408	510,483	20
2,918	1,575	1,343	904	3,331	723	23,633	12,574	2,043	160,970	162,203	23
1,537	539	998	432	188	348	15,885	8,139	2,727	33,954	33,234	24
4,609	2,185	2,424	286	733	732	68,582	24,422	8,419	105,659	109,043	26
5,775	2,341	3,434	834	1,463	1,543	127,927	53,364	10,264	193,992	202,996	27
17,144	8,453	8,691	1,340	2,368	2,131	248,813	96,103	13,927	283,915	297,266	28
3,338	1,846	1,492	172	169	830	99,856	44,208	7,511	38,483	39,833	29
4,520	2,516	2,004	401	3,106	450	36,721	17,230	2,410	202,530	204,844	31
13,207	6,433	6,774	502	522	1,254	185,966	81,674	10,638	160,715	164,796	32
15,512	6,601	8,911	322	253	1,233	122,508	59,876	7,085	110,620	113,637	33
4,392	3,919	1,491	2,601	1,791	1,791	113,860	47,311	7,642	203,715	203,198	34
7,871	4,598	3,273	1,057	2,897	1,792	111,292	47,532	7,686	224,504	226,480	35
8,060	5,023	3,037	418	1,822	1,685	118,485	49,905	7,256	196,691	195,828	36
21,202	11,752	9,470	1,243	4,218	2,978	225,169	88,576	17,240	660,339	652,085	37
1,723	793	930	116	202	430	52,420	16,100	4,513	51,836	51,389	
4,208	2,212	1,996	477	855	1,095	57,822	26,764	4,155	94,252	94,487	
3,468	1,886	1,582	213	551	729	48,039	21,978	2,696	68,724	69,481	20
27,380	12,719	14,661	2,697	6,722	5,172	403,194	163,800	27,263	531,705	548,906	
14,021	6,610	7,411	1,405	3,937	2,692	180,641	84,068	12,401	278,664	282,176	20
1,600	538	1,062	127	242	344	15,506	3,056	1,604	25,515	27,656	34
1,140	469	671	109	389	160	37,995	11,908	692	26,952	28,017	36
63,460	32,865	30,595	4,704	10,631	9,148	760,869	322,620	57,421	1,208,749	1,224,998	
9,224	4,663	4,561	1,398	2,406	2,192	156,947	75,636	14,263	184,865	184,082	20
11,586	6,248	5,338	517	336	1,137	128,496	50,176	8,253	108,711	109,213	28
11,671	6,094	5,577	658	202	1,200	181,339	78,589	11,533	84,103	82,742	29
1,544	890	654	359	730	599	17,186	10,678	1,924	43,866	48,183	34
16,247	9,104	7,143	668	3,577	870	51,858	26,939	3,989	488,391	494,515	37
36,816	19,341	17,475	2,145	2,361	1,441	602,979	192,867	45,889	467,633	497,717	
1,902	690	1,212	395	345	190	38,870	12,673	2,622	40,298	41,699	20
623	358	265	191	119	29	10,682	4,581	620	26,498	32,138	23
7,220	3,806	3,414	229	359	171	113,233	69,877	9,413	108,684	109,061	28
730	172	558	66	38	71	6,989	4,388	325	13,770	13,266	31
347	141	206	45	...	25	4,989	3,650	227	3,690	3,707	32
7,724	3,625	4,099	69	82	119	47,413	22,547	4,537	30,283	31,505	33
620	356	264	32	148	44	10,017	5,544	563	13,358	13,590	34
532	278	254	63	215	87	10,981	7,244	955	16,233	16,846	35
199,513	110,220	89,293	11,786	19,015	26,412	2,028,426	857,728	121,509	2,273,453	2,294,868	
12,336	6,269	6,067	2,216	3,304	3,128	199,447	106,275	11,179	267,133	274,654	20
1,095	588	507	177	231	264	20,696	10,937	703	19,860	20,945	22
781	183	598	202	765	235	10,051	4,732	766	26,562	26,915	25
6,473	2,556	3,917	555	1,510	1,011	78,586	37,999	5,206	76,130	78,634	26
14,338	7,260	7,078	1,102	1,380	3,115	204,277	99,802	13,312	185,545	186,676	28
3,521	1,754	1,767	237	511	593	30,923	17,367	2,060	59,277	59,722	30
341	140	201	56	172	134	5,646	3,179	360	12,713	12,905	31
8,175	3,137	5,036	374	616	1,108	168,968	37,114	10,229	88,796	90,873	32
111,674	65,610	46,064	1,184	992	5,633	805,121	315,687	43,077	378,453	389,466	33
8,754	5,295	3,459	546	1,568	2,639	112,814	43,050	6,573	134,870	139,228	34
2,406	1,303	1,103	348	482	1,286	70,074	25,267	3,494	103,764	104,444	35

MANUFACTURES-SUMMARY STATISTICS

Table 2.-Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	South Atlantic--Continued						
	Maryland--Continued						
36	Electrical machinery.....	92,397	6,997	1,498	652	269	4,578
37	Transportation equipment.....	274,004	19,899	5,137	2,266	1,592	10,904
38	Instruments and related products.....	7,331	480	110	45	22	303
	District of Columbia, total ⁴	104,794	6,166	1,605	447	668	3,446
20	Food and kindred products.....	30,478	1,879	581	138	361	799
27	Printing and publishing.....	59,860	3,565	823	203	234	2,305
	Virginia, total ⁴	931,802	61,956	17,144	6,287	4,301	34,224
20	Food and kindred products.....	96,984	5,558	1,860	722	627	2,349
21	Tobacco manufactures.....	47,674	4,727	1,008	405	113	3,201
22	Textile mill products.....	109,082	6,130	2,203	925	330	2,672
23	Apparel and related products.....	46,803	2,726	926	662	125	1,013
24	Lumber and wood products.....	55,945	1,930	770	278	455	427
25	Furniture and fixtures.....	53,254	2,754	1,039	300	294	1,121
26	Paper and allied products.....	63,721	4,344	1,216	255	244	2,629
28	Chemicals and allied products.....	167,696	16,063	2,988	949	610	11,316
31	Leather and leather products.....	14,103	977	346	118	40	473
32	Stone, clay, and glass products.....	23,820	1,531	421	144	209	757
33	Primary metal industries.....	16,263	1,168	336	105	119	608
34	Fabricated metal products.....	39,296	2,430	701	262	324	1,143
35	Machinery, except electrical.....	18,862	982	304	140	169	369
37	Transportation equipment.....	93,762	5,616	1,583	427	444	3,162
	West Virginia, total ⁴	582,101	50,769	9,878	4,192	2,119	34,580
20	Food and kindred products.....	31,154	1,669	481	247	146	795
21	Tobacco manufactures.....	3,068	289	61	44	8	176
22	Textile mill products.....	6,248	390	129	107	13	141
23	Apparel and related products.....	12,279	774	246	239	44	245
28	Chemicals and allied products.....	142,209	16,427	2,202	616	532	13,077
32	Stone, clay, and glass products.....	104,096	6,897	2,033	1,079	439	3,346
33	Primary metal industries.....	147,533	14,313	2,130	548	286	11,349
34	Fabricated metal products.....	33,050	2,338	614	374	176	1,174
35	Machinery, except electrical.....	20,225	1,334	361	228	83	662
36	Electrical machinery.....	16,515	1,635	280	148	70	1,137
37	Transportation equipment.....	12,133	1,267	255	204	65	743
	North Carolina, total ⁴	1,448,050	97,787	28,299	20,118	7,268	42,102
20	Food and kindred products.....	86,249	6,039	1,637	824	568	3,010
21	Tobacco manufactures.....	94,876	13,094	1,924	1,210	270	9,690
22	Textile mill products.....	662,158	37,297	13,436	10,380	2,677	10,804
23	Apparel and related products.....	68,064	3,847	1,370	1,320	169	988
24	Lumber and wood products.....	77,091	3,771	1,508	841	804	618
25	Furniture and fixtures.....	128,487	7,473	2,502	1,622	819	2,530
26	Paper and allied products.....	49,896	4,076	918	383	209	2,566
28	Chemicals and allied products.....	51,696	5,005	908	550	247	3,300
30	Rubber and plastics products, nec.....	6,975	443	118	67	28	230
32	Stone, clay, and glass products.....	24,340	1,985	437	402	240	906
34	Fabricated metal products.....	27,967	1,942	448	390	221	883
36	Electrical machinery.....	59,069	5,587	1,120	699	426	3,342
38	Instruments and related products.....	5,238	391	105	63	28	195
	South Carolina, total ⁴	706,189	43,564	13,420	6,609	4,261	19,274
20	Food and kindred products.....	30,113	1,787	574	303	264	646
22	Textile mill products.....	389,212	20,127	8,354	3,405	2,129	6,239
23	Apparel and related products.....	53,941	2,681	1,053	1,012	168	448
24	Lumber and wood products.....	31,684	2,017	490	397	301	829
25	Furniture and fixtures.....	9,342	662	197	128	112	225
26	Paper and allied products.....	34,944	2,453	752	231	185	1,285
	Georgia, total ⁴	1,060,927	67,643	19,552	11,479	6,059	30,553
20	Food and kindred products.....	129,210	8,345	2,459	1,443	913	3,530
22	Textile mill products.....	283,402	16,073	5,780	3,634	1,375	5,284
23	Apparel and related products.....	98,255	5,800	1,931	1,849	349	1,671
24	Lumber and wood products.....	61,862	2,088	817	398	460	413
25	Furniture and fixtures.....	21,926	1,416	407	265	138	606
26	Paper and allied products.....	78,060	5,486	1,419	580	452	3,035
28	Chemicals and allied products.....	40,812	2,907	756	449	243	1,459
31	Leather and leather products.....	9,142	475	191	138	32	114
32	Stone, clay, and glass products.....	26,409	1,540	501	252	199	588
34	Fabricated metal products.....	26,053	1,617	455	273	337	552
36	Electrical machinery.....	15,548	1,324	272	160	78	814
37	Transportation equipment.....	164,911	14,433	2,809	1,302	725	9,597

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-35

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957-Continued

The sampling variability of the estimates is shown in table 4)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
3,023	1,420	1,603	249	1,354	1,190	50,673	16,179	3,599	140,765	146,545	36
16,299	9,799	6,500	2,583	2,593	2,352	102,731	47,927	7,159	423,190	415,262	37
303	195	108	9	139	72	5,731	1,791	411	10,527	10,625	38
5,011	2,584	2,427	739	2,624	1,345	107,675	55,195	5,776	178,423	179,698	
2,033	1,184	849	281	678	512	39,046	27,244	1,989	46,420	47,976	20
1,373	760	613	305	1,366	539	49,954	16,907	2,622	102,112	102,271	28
118,735	55,385	63,350	9,144	11,627	15,614	1,675,727	793,172	102,994	2,030,658	2,076,864	
10,960	3,761	7,199	1,649	2,170	1,883	158,677	76,810	13,551	225,212	226,527	20
5,631	1,973	3,658	619	504	2,224	84,789	36,216	3,971	247,068	237,183	21
14,393	8,573	5,820	1,432	1,432	1,610	226,181	102,837	10,792	195,875	198,485	22
1,185	567	618	210	446	317	12,923	6,098	1,305	66,119	64,067	23
7,195	2,644	4,551	971	96	781	49,817	25,027	4,630	79,169	81,613	24
2,471	872	1,599	630	813	956	45,963	20,875	2,912	104,516	103,791	25
18,648	7,043	11,605	1,178	1,460	1,595	222,802	67,775	11,446	156,521	157,360	26
41,173	22,264	18,909	1,214	1,569	2,884	623,813	370,904	39,203	444,831	455,947	28
841	385	456	44	235	127	5,359	2,718	246	19,381	18,054	31
4,273	1,710	2,563	280	307	401	80,524	34,248	4,234	63,962	64,574	32
3,661	1,987	1,674	145	71	340	34,918	10,898	2,160	27,233	28,192	33
3,040	1,490	1,550	372	659	556	31,885	11,246	1,985	64,606	70,750	34
1,257	420	837	213	474	223	19,623	4,248	1,422	33,440	37,264	35
5,873	2,795	3,078	789	510	988	62,947	31,100	3,165	159,665	174,394	37
132,612	68,232	64,380	4,493	4,083	7,110	1,590,870	793,403	90,457	1,168,360	1,219,525	
3,001	1,309	1,692	942	770	507	45,246	21,168	5,377	65,471	68,174	20
278	179	99	38	33	72	3,754	2,182	158	8,399	8,519	21
573	...	181	19	155	79	8,046	4,434	402	9,870	9,650	22
475	329	146	51	196	65	4,251	1,753	476	15,707	15,462	23
47,953	26,186	21,767	1,677	621	1,940	696,878	357,632	45,263	426,248	438,088	28
14,424	7,022	7,402	363	416	600	122,705	71,333	5,586	158,767	161,552	32
56,032	27,377	28,655	371	354	2,680	571,584	253,683	25,786	235,108	264,262	33
3,298	2,087	1,211	263	440	386	40,315	24,570	2,401	56,115	55,955	34
787	450	337	138	114	204	9,926	4,521	699	23,773	24,634	35
2,431	1,187	1,244	35	13	109	19,972	17,481	1,304	56,014	56,526	36
1,513	841	672	61	64	100	16,067	7,600	862	22,485	22,700	37
144,111	60,674	83,437	12,174	20,809	26,901	2,232,466	944,980	140,308	2,893,570	2,929,291	
10,882	3,982	6,900	2,006	3,662	2,019	170,207	75,019	14,420	195,151	199,800	20
7,011	3,350	3,661	757	1,516	5,389	150,197	63,281	7,479	535,984	527,203	21
70,638	28,292	42,346	3,184	7,910	10,259	1,112,597	461,301	58,368	1,071,347	1,086,280	22
2,096	659	1,437	394	1,150	542	28,432	10,967	2,841	105,011	108,834	23
7,804	2,923	4,881	1,285	566	1,777	59,524	27,169	6,364	111,502	112,198	24
5,883	2,073	3,810	1,827	1,565	1,744	100,265	30,960	6,980	213,468	222,913	25
11,395	5,549	5,846	484	752	1,048	199,095	85,220	10,197	94,934	96,915	26
7,813	4,277	3,536	564	518	826	165,402	80,012	12,222	138,914	141,454	28
775	435	340	33	49	24	8,644	3,041	615	13,954	14,550	30
4,201	1,222	2,979	449	297	342	35,180	19,115	5,177	44,751	46,313	32
2,070	1,073	997	369	555	466	29,942	9,637	2,579	53,128	55,379	34
5,743	3,192	2,551	206	971	881	70,447	20,113	6,302	123,403	126,731	36
241	159	82	14	77	53	2,518	1,175	203	8,050	7,966	38
93,674	33,859	59,815	5,759	6,589	11,204	1,351,223	543,822	79,339	1,320,057	1,335,150	
2,076	899	1,177	692	1,000	782	47,891	21,355	4,755	61,520	62,642	20
59,423	19,754	39,669	2,279	2,685	6,495	844,045	333,082	41,493	632,653	641,283	22
2,099	1,068	1,031	246	884	170	17,706	6,599	1,305	82,247	83,678	23
7,017	1,700	5,317	793	147	436	61,969	22,731	6,079	53,290	52,711	24
1,313	433	880	201	97	106	18,530	4,219	1,399	11,778	12,378	25
11,324	5,952	5,372	233	337	1,008	115,788	48,819	5,911	86,404	87,257	26
128,741	53,821	74,920	10,459	18,605	15,373	1,616,369	619,689	104,530	2,117,382	2,137,662	
21,791	7,231	14,560	2,072	4,837	2,383	200,708	75,922	15,160	366,183	364,653	20
40,133	14,417	25,716	1,567	3,774	4,186	524,960	218,244	21,359	461,410	467,635	22
3,916	1,513	2,403	656	1,701	851	32,880	14,324	3,131	157,417	163,486	23
10,128	4,086	6,042	1,059	472	854	53,878	26,092	6,475	109,229	108,184	24
1,144	471	673	289	670	311	15,656	7,502	984	41,076	41,087	25
20,073	9,618	10,455	938	1,154	1,712	344,334	106,609	22,667	222,492	226,706	26
9,839	4,210	5,629	815	628	1,224	136,489	58,086	9,415	117,494	120,460	28
502	146	356	50	312	50	1,739	1,045	193	17,282	17,490	31
5,393	1,607	3,749	615	270	375	58,761	30,457	6,959	53,631	57,101	32
1,787	708	1,079	537	470	403	22,225	5,165	2,488	44,154	43,489	34
796	344	452	59	292	294	30,428	12,162	3,774	42,231	41,620	36
11,687	5,963	5,724	538	2,100	902	75,155	24,199	5,247	302,585	304,531	37

MANUFACTURES-SUMMARY STATISTICS

Table 2.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	South Atlantic--Continued						
	Florida, total ⁴	575,537	33,245	10,280	4,319	5,271	13,375
20	Food and kindred products.....	123,916	6,961	2,412	1,233	1,457	1,859
21	Tobacco manufactures.....	21,459	1,042	459	318	58	207
23	Apparel and related products.....	18,025	988	363	312	75	238
24	Lumber and wood products.....	41,694	2,007	634	430	466	477
25	Furniture and fixtures.....	23,303	999	464	184	230	121
26	Paper and allied products.....	63,296	4,668	1,117	209	575	2,767
27	Printing and publishing.....	48,230	2,849	710	223	184	1,732
28	Chemicals and allied products.....	56,298	4,278	1,050	188	377	2,663
32	Stone, clay, and glass products.....	25,098	1,370	433	146	271	520
34	Fabricated metal products.....	38,480	2,332	658	295	391	988
36	Electrical machinery.....	13,933	904	247	91	93	473
37	Transportation equipment.....	41,671	2,855	912	443	724	776
	East South Central:						
	Kentucky, total ⁴	681,534	57,842	12,673	10,448	3,428	31,293
20	Food and kindred products.....	116,593	9,012	2,153	1,673	678	4,508
21	Tobacco manufactures.....	39,646	5,054	868	771	186	3,229
24	Lumber and wood products.....	22,615	1,290	339	257	172	522
25	Furniture and fixtures.....	15,901	1,100	302	260	127	411
26	Paper and allied products.....	5,152	288	91	68	21	108
28	Chemicals and allied products.....	57,511	5,305	930	565	313	3,497
29	Petroleum and coal products.....	6,342	521	95	52	44	330
32	Stone, clay, and glass products.....	21,083	1,948	434	374	214	926
33	Primary metal industries.....	41,287	4,010	729	481	211	2,589
34	Fabricated metal products.....	57,319	4,782	1,202	902	375	2,303
35	Machinery, except electrical.....	120,847	11,503	2,234	2,046	605	6,618
36	Electrical machinery.....	35,613	3,261	698	753	170	1,640
37	Transportation equipment.....	34,272	3,459	625	648	134	2,052
	Tennessee, total ⁴	1,035,048	86,490	20,212	14,674	6,592	45,012
20	Food and kindred products.....	107,715	6,893	1,905	1,190	789	3,009
22	Textile mill products.....	87,213	5,313	1,789	1,632	367	1,525
23	Apparel and related products.....	73,243	4,444	1,515	1,634	182	1,113
24	Lumber and wood products.....	43,915	2,522	726	602	556	638
25	Furniture and fixtures.....	36,927	2,440	694	698	333	715
26	Paper and allied products.....	45,163	4,029	797	534	296	2,402
27	Printing and publishing.....	47,886	2,893	876	323	121	1,573
28	Chemicals and allied products.....	226,013	23,245	3,818	2,094	1,068	16,265
30	Rubber and plastics products, nec.....	24,866	2,770	439	188	83	2,060
31	Leather and leather products.....	33,510	1,877	669	668	155	385
32	Stone, clay, and glass products.....	35,936	3,222	679	454	357	1,732
33	Primary metal industries.....	64,926	5,993	1,198	865	332	3,598
34	Fabricated metal products.....	81,485	5,676	1,503	1,132	812	2,229
38	Instruments and related products.....	8,491	660	166	103	20	371
	Alabama, total ⁴	881,962	65,760	15,968	7,530	4,270	37,992
20	Food and kindred products.....	56,880	2,991	1,118	453	384	1,036
22	Textile mill products.....	119,785	5,777	2,496	1,244	425	1,612
23	Apparel and related products.....	43,942	2,252	875	588	115	674
28	Chemicals and allied products.....	36,673	3,003	595	247	171	1,990
29	Petroleum and coal products.....	4,311	209	61	22	23	103
30	Rubber and plastics products, nec.....	31,053	2,993	499	167	67	2,260
32	Stone, clay, and glass products.....	30,915	2,132	541	262	223	1,106
33	Primary metal industries.....	232,234	25,088	3,867	1,832	550	18,839
34	Fabricated metal products.....	44,595	3,103	787	372	453	1,491
35	Machinery, except electrical.....	31,690	2,298	600	261	208	1,229
36	Electrical machinery.....	13,406	1,048	253	102	67	626
37	Transportation equipment.....	85,367	6,098	1,610	829	673	2,986
	Mississippi, total ⁴	299,060	19,245	5,956	4,280	2,400	6,609
23	Apparel and related products.....	49,430	2,414	1,023	732	129	530
24	Lumber and wood products.....	46,668	2,634	879	659	647	449
25	Furniture and fixtures.....	13,476	984	264	196	96	428
26	Paper and allied products.....	38,814	2,873	722	451	202	1,498
28	Chemicals and allied products.....	19,803	1,429	369	224	198	638
34	Fabricated metal products.....	11,087	881	214	142	120	405
36	Electrical machinery.....	6,964	569	135	92	45	297
	West South Central:						
	Arkansas, total ⁴	260,828	17,768	5,468	2,948	2,541	6,811
22	Textile mill products.....	5,369	321	119	98	34	70
24	Lumber and wood products.....	52,373	3,268	1,174	510	753	831
25	Furniture and fixtures.....	17,947	1,256	413	244	244	344
26	Paper and allied products.....	20,385	1,471	376	169	171	755

See footnotes at end of table.

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957-Continued

The sampling variability of the estimates is shown in table 4)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
73,652	30,533	43,119	9,621	17,508	14,143	1,251,234	415,297	98,207	1,212,640	1,261,615	
14,954	5,954	9,000	3,101	8,299	3,442	230,262	101,142	21,810	306,043	322,069	20
1,029	496	533	172	74	314	11,450	5,191	731	38,242	38,233	21
489	292	197	175	489	204	5,446	2,160	700	29,514	28,927	23
5,040	375	4,665	1,219	836	892	40,160	20,285	3,670	65,840	65,918	24
994	323	671	507	1,574	307	14,161	2,861	1,502	39,009	41,398	25
20,673	9,720	10,953	989	486	3,019	383,558	128,681	24,736	172,922	175,823	26
2,524	713	1,811	461	707	709	59,177	20,049	4,973	88,846	89,487	27
15,218	7,257	7,961	964	470	2,389	294,636	63,863	19,971	188,803	196,504	28
3,560	1,125	2,435	450	472	740	66,210	26,691	7,080	52,592	57,490	32
3,249	1,554	1,695	471	1,391	891	55,380	15,384	3,945	78,933	84,067	34
987	443	544	97	382	85	5,811	1,330	615	21,831	22,289	36
3,425	1,323	2,102	630	1,237	607	25,879	10,278	3,337	50,428	56,296	37
85,767	47,009	38,758	7,105	7,763	9,994	1,243,233	507,924	89,743	1,747,621	1,838,617	
13,258	6,518	6,740	2,389	2,116	4,369	242,747	97,050	14,145	390,346	408,165	20
3,525	1,471	2,054	510	808	775	81,449	26,060	4,162	203,397	233,163	21
2,996	1,344	1,652	624	101	348	25,033	10,064	2,267	33,835	32,009	24
873	440	433	168	276	148	10,504	3,869	889	25,376	25,975	25
429	201	228	55	33	58	7,462	2,387	424	8,542	8,555	26
15,252	9,151	6,101	745	173	674	219,363	95,996	16,709	200,360	202,295	28
1,876	1,358	518	202	25	148	35,276	18,523	3,038	28,916	26,294	29
4,116	1,964	2,152	248	221	286	48,695	23,407	3,719	41,065	42,696	32
19,466	11,060	8,406	251	103	539	156,414	69,541	14,259	65,687	67,188	33
5,994	3,576	2,418	522	435	645	69,048	27,750	3,798	91,048	86,894	34
14,711	8,201	6,510	753	1,324	1,408	257,903	37,567	21,259	283,840	317,809	35
2,144	1,100	1,044	99	218	264	39,539	19,594	2,357	81,830	82,702	36
2,177	1,148	1,029	156	224	285	34,310	10,818	3,339	114,155	124,948	37
122,405	54,456	67,949	8,910	13,570	12,765	1,833,335	829,002	116,527	2,064,862	2,126,529	
10,253	4,005	6,248	1,646	2,501	1,791	158,189	57,356	10,926	243,045	240,806	20
9,563	3,243	6,320	702	1,529	1,132	157,831	72,107	8,236	150,250	154,151	22
2,841	1,412	1,429	521	916	268	18,038	9,237	1,543	107,130	107,669	23
6,038	1,665	4,373	1,081	260	622	47,869	21,227	3,420	72,590	71,785	24
1,341	533	788	438	657	296	26,087	10,731	1,853	60,690	61,412	25
10,261	3,550	6,711	459	442	759	168,600	69,884	8,423	115,060	114,405	26
2,028	708	1,320	233	1,340	413	30,140	10,462	2,411	78,892	79,494	27
35,535	18,802	16,733	1,597	1,936	3,155	606,996	282,087	37,765	546,458	559,116	28
2,962	1,926	1,036	57	186	244	39,402	20,529	3,705	58,400	59,911	30
1,721	649	1,072	60	645	74	9,832	3,312	838	71,500	72,496	31
6,276	2,364	3,912	363	261	631	126,663	38,540	9,006	56,877	58,380	32
13,503	6,780	6,723	220	229	815	162,525	102,605	7,925	124,379	144,073	33
6,661	2,918	3,743	653	962	995	107,818	51,240	7,225	122,853	135,126	34
1,011	597	414	44	103	124	8,776	4,281	392	15,344	15,429	38
161,091	74,976	86,115	7,668	20,926	12,169	1,907,537	792,580	99,223	1,665,202	1,711,356	
5,014	1,869	3,145	854	1,411	649	75,612	31,487	7,364	109,273	112,935	20
16,725	4,627	12,098	668	443	1,505	217,955	104,682	8,881	189,887	190,433	22
1,684	881	803	190	801	288	18,645	8,210	1,285	75,600	77,005	23
13,697	6,695	7,002	786	1,843	741	234,772	73,771	14,617	127,047	132,032	28
1,518	691	827	37	76	79	13,966	3,681	818	10,714	11,775	29
4,346	2,901	1,445	69	179	343	43,390	12,698	1,962	80,630	84,035	30
5,646	2,169	3,477	351	319	470	84,870	43,111	5,269	73,093	75,346	32
67,765	35,443	29,322	616	1,275	3,130	647,853	336,251	27,680	463,815	476,931	33
2,899	1,374	1,525	441	504	692	38,686	16,600	2,682	84,567	89,014	34
3,291	1,949	1,342	303	461	480	37,711	14,737	2,457	51,825	56,265	35
1,274	681	593	42	41	66	13,998	6,679	1,410	25,832	26,112	36
5,483	2,191	3,292	361	847	519	21,509	9,206	1,424	121,036	126,148	37
36,718	15,470	21,248	4,024	6,306	5,412	465,231	193,969	33,812	580,621	615,566	
1,737	999	738	253	692	333	13,066	5,532	1,138	72,989	69,812	23
5,836	1,998	3,838	1,391	741	1,055	51,285	26,153	4,671	72,749	74,840	24
827	283	544	110	336	129	9,658	3,919	571	22,334	21,786	25
10,081	5,461	4,620	225	18	1,242	129,939	62,414	7,392	98,243	98,369	26
5,769	2,092	3,677	699	462	782	81,377	32,109	7,103	60,949	61,962	28
1,172	332	840	118	181	105	16,036	3,963	1,402	24,212	26,109	34
432	227	205	36	31	86	8,344	2,301	487	15,884	16,899	36
55,142	24,447	30,695	5,417	5,144	5,047	629,395	234,375	43,940	639,785	640,981	
1,131	396	735	40	31	50	16,020	4,762	1,325	10,078	9,894	22
7,751	2,554	5,197	1,396	611	1,350	82,779	34,626	6,488	78,859	76,020	24
1,253	246	1,007	319	268	238	14,778	6,168	1,320	28,895	30,507	25
6,006	3,154	2,852	164	196	589	71,771	24,866	4,278	55,033	55,583	26

MANUFACTURES-SUMMARY STATISTICS

Table 2.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	West South Central--Continued						
	Arkansas--Continued						
28	Chemicals and allied products.....	24,140	2,036	428	164	214	1,230
29	Petroleum and coal products.....	7,536	900	127	32	67	674
31	Leather and leather products.....	10,164	716	220	265	29	202
33	Primary metal industries.....	14,805	1,189	260	98	155	676
	Louisiana, total ⁴	603,430	56,056	10,780	5,971	5,590	33,715
20	Food and kindred products.....	101,024	6,929	2,161	1,413	1,143	2,212
24	Lumber and wood products.....	45,285	2,757	927	791	605	434
26	Paper and allied products.....	83,949	6,488	1,603	647	600	3,638
28	Chemicals and allied products.....	97,487	8,363	1,515	772	637	5,439
29	Petroleum and coal products.....	92,545	17,766	1,385	363	271	15,747
32	Stone, clay, and glass products.....	22,206	1,392	359	129	206	698
33	Primary metal industries.....	20,823	2,071	374	245	221	1,231
34	Fabricated metal products.....	31,839	2,792	524	383	400	1,485
37	Transportation equipment.....	45,013	2,594	791	495	951	357
	Oklahoma, total ⁴	369,041	28,283	6,624	2,761	3,570	15,328
20	Food and kindred products.....	57,517	4,684	1,065	524	517	2,578
24	Lumber and wood products.....	5,556	265	98	59	68	40
25	Furniture and fixtures.....	6,524	356	135	64	60	97
29	Petroleum and coal products.....	39,017	3,597	658	208	451	2,280
32	Stone, clay, and glass products.....	24,841	2,521	483	309	332	1,397
33	Primary metal industries.....	16,663	1,702	324	79	228	1,071
34	Fabricated metal products.....	36,118	2,812	610	226	493	1,483
35	Machinery, except electrical.....	54,305	3,545	918	266	521	1,840
36	Electrical machinery.....	7,301	524	180	75	15	254
37	Transportation equipment.....	62,205	4,494	1,115	435	507	2,437
	Texas, total ⁴	2,185,230	175,428	36,731	12,571	17,912	108,214
20	Food and kindred products.....	257,170	16,052	4,402	1,807	2,653	7,190
23	Apparel and related products.....	81,700	3,650	1,511	966	408	765
24	Lumber and wood products.....	43,661	2,210	762	402	536	510
25	Furniture and fixtures.....	37,828	1,937	582	229	352	774
26	Paper and allied products.....	42,273	3,385	724	217	416	2,028
27	Printing and publishing.....	112,411	5,445	2,238	499	639	2,069
28	Chemicals and allied products.....	231,493	24,469	3,572	1,232	1,441	18,224
29	Petroleum and coal products.....	277,548	36,604	4,232	701	1,552	30,119
33	Primary metal industries.....	152,694	14,300	2,690	738	2,002	8,870
34	Fabricated metal products.....	107,471	6,928	1,885	697	1,476	2,870
35	Machinery, except electrical.....	242,672	17,939	4,030	1,293	2,469	10,147
36	Electrical machinery.....	44,257	4,700	731	215	211	3,543
37	Transportation equipment.....	407,968	31,554	7,001	2,519	2,474	19,560
	Mountain:						
	Montana, total ⁴	88,558	6,197	1,555	795	802	3,045
24	Lumber and wood products.....	26,850	1,379	450	277	334	318
28	Chemicals and allied products.....	4,221	363	89	29	39	206
	Idaho, total ⁴	117,062	7,523	2,082	1,172	1,181	3,088
20	Food and kindred products.....	26,119	1,525	420	306	247	552
24	Lumber and wood products.....	51,979	2,707	985	598	691	433
	Wyoming, total ⁴	29,021	2,402	466	154	132	1,650
29	Petroleum and coal products.....	15,033	1,569	248	69	60	1,192
	Colorado, total ⁴	349,231	22,615	5,988	1,902	2,089	12,636
20	Food and kindred products.....	73,218	4,481	1,367	356	580	2,178
23	Apparel and related products.....	6,655	186	89	45	17	55
26	Paper and allied products.....	3,395	165	51	8	21	85
27	Printing and publishing.....	26,675	982	385	41	73	483
28	Chemicals and allied products.....	11,468	1,239	207	38	72	922
32	Stone, clay, and glass products.....	13,113	856	245	51	105	435
35	Machinery, except electrical.....	24,787	1,663	428	58	207	970
36	Electrical machinery.....	3,659	250	64	33	18	135
37	Transportation equipment.....	37,043	2,051	607	621	129	694
38	Instruments and related products.....	3,580	160	60	9	22	69
	New Mexico.....	83,136	6,009	1,273	524	290	3,922

See footnotes at end of table.

SELECTED COSTS AND BOOK VALUE OF FIXED ASSETS

9-39

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957-Continued

The sampling variability of the estimates is shown in table 4.)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
12,842	7,420	5,422	425	682	607	118,679	43,588	8,180	72,915	72,106	28
2,648	1,198	1,450	228	66	231	41,807	17,595	2,278	17,097	17,827	29
532	244	288	35	210	...	3,920	1,533	960	19,985	20,180	31
5,389	2,921	2,468	201	13	272	65,316	14,557	3,591	44,964	42,832	33
150,480	72,195	78,285	9,875	12,040	18,325	2,112,740	820,910	138,841	1,491,514	1,508,640	
13,635	6,572	7,063	2,258	2,377	2,415	204,972	92,717	11,990	271,771	266,676	20
6,604	2,138	4,466	1,445	361	1,439	29,647	67,067	4,596	76,174	77,668	24
23,622	12,969	10,653	713	225	2,511	267,108	92,690	11,450	192,717	196,990	26
36,327	18,855	17,472	1,877	2,909	2,904	526,253	198,093	39,932	300,281	304,826	28
50,600	22,493	28,107	1,396	2,754	6,560	723,700	343,403	50,544	288,148	292,456	29
4,182	1,924	2,258	160	462	403	98,309	26,101	5,139	54,175	57,233	32
5,437	2,468	2,969	188	112	319	107,892	24,813	7,835	69,663	70,700	33
2,463	1,162	1,301	373	436	959	30,888	12,670	2,045	56,884	58,908	34
3,940	1,374	2,566	558	655	226	22,706	9,513	1,630	71,037	73,328	37
45,497	22,015	23,482	4,557	6,259	6,973	613,530	292,585	39,412	727,043	744,165	
4,971	2,451	2,520	1,433	1,602	1,049	84,948	37,280	6,092	121,194	123,030	20
779	310	469	105	368	334	9,328	4,210	588	7,232	7,671	24
286	171	115	86	191	112	4,051	1,611	344	11,639	12,114	25
15,687	8,083	7,604	706	136	2,087	245,497	126,891	11,680	146,491	147,195	29
6,351	2,118	4,233	372	395	372	62,684	25,062	4,149	53,537	55,055	32
4,704	2,528	2,176	161	17	313	18,893	10,551	1,187	24,406	27,071	33
1,326	673	653	331	203	467	26,934	11,932	2,526	63,597	66,663	34
3,726	1,923	1,803	558	929	948	50,463	24,019	3,777	94,009	93,686	35
590	296	294	72	24	94	7,519	2,472	450	23,982	24,737	36
1,813	1,136	677	263	480	290	7,563	3,826	590	49,522	51,155	37
384,574	180,403	204,171	27,172	46,302	54,177	75,698,598	2,302,562	377,713	4,768,477	5,039,313	
36,412	11,481	24,931	5,205	7,275	6,570	456,130	208,897	38,091	650,365	663,019	20
2,656	912	1,744	802	2,253	760	33,620	14,897	2,443	131,342	130,561	23
5,560	1,838	3,722	980	870	1,083	65,813	22,128	5,029	69,118	66,777	24
1,430	526	904	765	1,521	591	28,319	11,154	2,370	69,580	69,006	25
10,427	4,203	6,224	343	2,008	1,102	157,108	47,453	8,772	98,650	99,477	26
4,515	1,471	3,044	1,417	2,785	1,404	114,328	44,768	8,469	204,583	207,374	27
110,124	50,521	59,603	5,174	7,098	13,026	1,840,417	798,106	136,650	1,044,832	1,068,053	28
117,468	65,212	52,256	4,508	5,964	17,956	1,809,458	836,071	103,591	689,643	758,191	29
55,455	25,137	30,318	1,143	2,279	3,930	549,646	176,383	31,573	304,249	339,915	33
6,103	2,613	3,490	1,199	1,911	1,663	119,735	38,017	7,497	173,735	183,288	34
17,175	8,009	9,166	2,161	4,856	4,252	250,325	98,881	21,972	456,682	503,651	35
2,497	1,036	659	1,031	1,031	452	33,854	10,267	3,213	67,701	72,356	36
17,793	10,060	7,733	1,958	5,522	1,655	107,464	38,167	10,046	496,639	527,413	37
22,325	8,011	14,314	1,232	2,023	4,203	295,270	123,038	25,681	198,918	202,479	
6,060	1,787	4,273	557	515	1,113	63,233	28,329	5,034	52,627	46,358	24
1,482	742	740	53	5	186	22,291	10,796	1,344	6,871	7,140	28
22,580	9,763	12,817	1,965	1,550	2,615	237,415	116,822	18,276	210,231	232,787	
2,767	1,160	1,607	397	221	670	76,342	35,893	4,104	45,718	54,412	20
10,568	4,535	6,033	919	959	976	72,959	35,767	6,434	78,742	76,356	24
8,761	4,937	3,824	566	925	1,160	179,332	88,374	8,067	58,988	61,258	
5,238	3,001	2,237	419	696	862	125,014	66,790	5,268	30,981	34,292	29
46,639	20,887	25,752	3,090	6,887	9,840	487,420	206,412	29,722	653,403	680,983	
8,587	4,448	4,139	1,390	1,790	3,146	161,692	74,551	8,877	171,654	177,429	20
108	78	30	19	115	43	2,022	823	103	10,721	11,811	23
398	181	217	36	100	167	6,574	2,171	396	7,158	7,342	26
978	438	540	274	232	693	35,298	14,072	2,083	46,087	46,210	27
2,798	1,524	1,274	304	161	780	29,164	9,182	2,261	56,961	58,947	28
3,580	1,621	1,959	84	161	552	45,950	15,180	1,977	28,097	28,681	32
845	114	731	138	424	659	25,987	13,764	2,060	39,203	45,514	35
158	94	64	26	52	59	2,621	636	309	4,336	4,505	36
1,863	552	1,311	96	544	378	23,962	2,432	2,340	58,223	59,832	37
192	118	74	30	40	92	2,717	758	264	6,862	6,874	38
5,214	2,783	2,431	861	499	702	58,862	22,148	4,115	166,457	166,820	

MANUFACTURES-SUMMARY STATISTICS

Table 2.—Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and

(In thousands of dollars. See text for explanation of column captions.)

Code	State and industry group	Payrolls, total ¹	Selected supplementary employee costs--				
			Total	Employer payments for legally required employee insurance plans--			Other employer payments or allocations
				Old-age and survivors insurance	Unemployment insurance	Workmen's compensation premiums	
	Mountain--Continued						
	Arizona, total.....	186,605	12,950	3,065	1,948	1,430	6,507
20	Food and kindred products.....	22,200	1,285	383	143	255	504
33	Primary metal industries.....	26,215	2,455	476	188	238	1,553
34	Fabricated metal products.....	5,833	403	106	43	99	155
37	Transportation equipment.....	72,132	5,386	1,190	771	315	3,110
	Utah, total ⁴	169,627	14,336	2,917	1,484	1,137	8,798
20	Food and kindred products.....	29,086	1,925	536	285	266	838
29	Petroleum and coal products.....	7,247	655	109	47	31	468
32	Stone, clay, and glass products.....	7,962	671	182	114	86	289
35	Machinery, except electrical.....	10,899	734	145	67	84	438
	Nevada, total ⁴	24,134	1,934	393	296	230	1,015
32	Stone, clay, and glass products.....	3,882	236	66	53	60	57
33	Primary metal industries.....	9,357	928	154	118	49	607
	Pacific:						
	Washington, total ⁴	1,136,464	88,286	20,038	18,408	7,373	42,467
20	Food and kindred products.....	123,425	10,056	2,192	1,997	1,062	4,805
24	Lumber and wood products.....	213,190	15,377	3,970	3,538	3,176	4,693
25	Furniture and fixtures.....	12,450	801	235	205	114	247
26	Paper and allied products.....	93,845	8,209	1,873	1,441	607	4,288
27	Printing and publishing.....	41,615	2,752	741	636	57	1,318
28	Chemicals and allied products.....	73,055	6,586	1,073	839	175	4,499
33	Primary metal industries.....	78,844	7,897	1,338	1,256	367	4,936
34	Fabricated metal products.....	32,985	2,429	589	530	253	1,057
35	Machinery, except electrical.....	31,054	1,741	538	416	183	604
37	Transportation equipment.....	386,222	28,720	6,589	6,894	1,146	14,093
	Oregon, total ⁴	614,006	39,654	11,369	7,284	7,207	13,794
20	Food and kindred products.....	77,869	5,460	1,477	1,037	671	2,275
24	Lumber and wood products.....	331,419	18,695	6,330	4,164	4,504	3,697
26	Paper and allied products.....	33,610	2,733	570	279	296	1,588
35	Machinery, except electrical.....	20,012	878	358	195	128	197
	California, total ⁴	6,299,437	453,738	107,579	59,454	49,263	237,442
20	Food and kindred products.....	720,452	57,450	13,211	8,337	7,824	28,078
22	Textile mill products.....	21,855	1,390	377	264	273	476
23	Apparel and related products.....	193,296	10,673	3,483	3,087	1,081	3,022
24	Lumber and wood products.....	259,961	16,016	4,731	3,177	4,869	3,239
25	Furniture and fixtures.....	111,735	6,489	1,848	1,064	1,047	2,530
26	Paper and allied products.....	120,686	9,091	2,032	1,088	1,410	4,561
27	Printing and publishing.....	320,693	15,801	4,908	2,025	1,135	7,733
28	Chemicals and allied products.....	196,650	16,678	3,149	1,391	1,679	10,459
29	Petroleum and coal products.....	128,967	16,175	2,066	438	711	12,960
30	Rubber and plastics products, nec.....	93,999	8,748	1,574	688	710	5,776
33	Primary metal industries.....	268,265	22,821	4,541	2,414	2,855	13,011
34	Fabricated metal products.....	421,897	33,005	7,677	4,414	5,173	15,741
35	Machinery, except electrical.....	469,106	29,678	8,078	4,417	4,082	13,101
36	Electrical machinery.....	376,363	27,529	6,796	4,365	2,492	13,876
37	Transportation equipment.....	1,955,428	141,502	32,653	17,047	9,363	82,439
39	Miscellaneous manufactures.....	341,784	22,398	5,413	3,372	1,804	11,809

Note: Detailed figures may not add to totals because data were independently derived. See Sampling and Estimating Procedures in introductory text.
¹Revised.

¹Data in this column were previously published in the 1957 Annual Survey of Manufactures, Chapter II, table 1. The sampling variability associated with these estimates is shown in that volume.

²Net value of assets cannot be precisely derived using the value and depreciation data appearing in the table because some of the accumulated depreciation through the end of 1956 may have been against assets which were sold, dismantled, retired, etc., before the end of 1957 and, therefore, is not included in the gross assets figure.

Depreciation and Book Value of Depreciable Assets, for States, by Major Industry Group: 1957--Continued

The sampling variability of the estimates is shown in table 4)

Expenditures for maintenance and repairs on structures, grounds, and equipment			Insurance premiums	Rental payments	Property taxes paid	Depreciable or depletable assets			Value added by manufacture ¹		Code
Total	Salaries and wages paid to own employees	Other maintenance and repair costs				Gross book value on December 31, 1957	Accumulated depreciation and depletion to December 31, 1956 ²	Depreciation and depletion charged in 1957	Unadjusted	Adjusted	
21,428	11,288	10,140	1,909	3,786	2,469	202,094	86,865	13,036	309,542	336,275	
2,681	968	1,713	428	257	536	37,576	17,720	2,667	39,990	41,132	20
9,117	6,159	2,958	108	30	691	53,195	26,609	1,614	36,196	38,278	33
243	124	119	49	57	69	2,414	854	212	4,579	6,983	34
4,510	2,243	2,267	421	1,733	235	15,585	6,579	1,096	130,263	135,641	37
40,971	20,599	20,372	1,782	2,791	5,313	424,377	171,260	23,073	440,702	473,514	
3,554	1,661	1,895	553	882	950	51,848	23,843	3,569	53,785	62,372	20
3,232	1,850	1,382	...	...	629	66,757	23,244	3,655	33,053	35,299	29
1,173	427	746	51	19	260	27,074	12,517	1,207	23,325	23,272	32
309	171	138	78	172	63	4,594	1,701	423	23,228	23,018	35
7,635	3,836	3,799	372	889	387	65,330	29,043	6,964	91,479	92,172	
1,147	594	553	112	11	138	18,170	7,124	1,189	10,236	10,566	32
3,499	1,798	1,701	51	627	2	25,825	12,878	3,706	56,780	57,174	33
159,348	79,579	79,769	11,262	16,770	23,697	1,846,183	710,049	125,220	2,079,252	2,123,411	
13,883	6,591	7,292	2,073	2,608	2,715	203,410	87,640	13,611	242,620	244,901	20
37,911	17,474	20,437	3,491	2,508	7,213	377,580	182,501	28,435	312,363	305,020	24
534	332	202	174	169	148	11,325	5,337	625	21,808	22,744	25
31,599	13,956	17,643	1,280	857	4,955	519,539	174,728	27,657	265,096	267,685	26
1,843	1,052	791	343	367	688	45,181	14,866	2,840	69,316	69,521	27
22,554	12,873	9,681	249	632	826	63,185	24,977	4,304	137,017	138,544	28
23,741	11,572	12,169	441	731	2,319	191,680	80,627	9,628	214,039	219,286	33
2,374	1,242	1,132	331	579	809	26,802	12,240	2,424	59,973	63,298	34
1,131	611	520	329	330	410	25,713	11,305	1,570	47,338	49,288	35
15,892	10,536	5,356	1,730	6,987	2,438	155,273	46,401	13,957	603,937	636,948	37
84,141	36,456	47,685	11,558	10,685	17,810	1,021,347	415,257	97,986	1,055,840	1,061,734	
6,772	3,245	3,527	1,396	2,201	2,155	104,343	48,610	7,261	167,453	170,853	20
53,911	22,257	31,654	6,532	4,924	8,877	621,410	258,397	72,194	521,756	506,494	24
11,134	4,502	6,632	424	339	1,748	130,456	40,499	6,559	84,566	86,065	26
955	534	421	431	522	548	16,929	7,341	1,457	32,775	31,005	35
617,286	297,764	319,522	64,857	165,284	190,377	7,323,528	2,959,904	513,130	11,629,542	11,996,657	
81,281	40,094	41,187	13,406	27,994	27,434	1,246,389	534,025	82,551	1,722,048	1,768,455	20
1,833	961	872	440	707	606	26,451	13,914	1,748	40,011	39,379	22
4,191	1,641	2,550	1,627	6,688	2,655	53,541	26,443	5,815	340,212	345,880	23
46,326	17,335	28,991	6,172	4,345	7,840	440,170	213,790	42,589	432,021	412,530	24
3,598	1,598	2,000	1,640	4,728	2,226	62,358	25,248	7,105	205,245	206,181	25
17,330	6,947	10,383	1,602	3,790	4,948	303,550	81,937	15,494	253,011	259,990	26
14,684	5,481	9,203	2,581	9,294	4,870	261,504	102,014	17,181	565,505	570,033	27
38,301	18,065	20,236	3,612	6,226	11,400	513,206	195,810	39,916	564,837	592,942	28
68,966	34,660	34,306	2,243	2,464	20,752	1,070,492	523,800	58,711	308,328	399,285	29
10,454	6,640	3,814	630	1,829	3,342	125,543	61,944	7,679	171,205	179,369	30
70,705	31,520	39,185	2,654	4,937	9,906	714,827	236,798	32,865	503,178	515,698	33
35,640	17,798	17,842	4,574	12,615	13,705	439,961	167,006	33,777	804,619	833,263	34
25,458	12,457	13,001	3,770	13,017	11,191	411,117	143,646	34,190	734,158	779,536	35
20,322	10,291	10,031	2,136	9,031	6,844	202,445	69,820	19,197	655,796	677,431	36
105,927	54,223	51,704	11,612	38,163	45,249	734,984	302,614	68,595	3,147,982	3,201,486	37
16,045	6,827	9,218	2,730	13,151	5,523	124,855	41,396	11,894	511,502	523,865	39

³Data shown only for operating manufacturing establishments. Comparable information for central administrative offices and auxiliaries which service the manufacturing establishments of a company is not available.

⁴The figures shown for the State total include data for all industry groups within the State, whether or not separate figures are shown for the individual industry groups. Statistics were not shown for industries that were withheld from publication in the 1957 Annual Survey of Manufactures volume. Industries whose figures were not consistent with related data also were withheld.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Sampling Variability of Selected Estimates for Industry Groups and Individual Industries

Code ¹	Sampling variability (percent) for estimate of ² --					Code ¹	Sampling variability (percent) for estimate of ² --				
	Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
TOTAL....	1	1	3	1	1	22--Continued					
20.....	1	5	4	1	6	223.....	6	1	3	1	2
21.....	1	1	5	1	1	2233.....	3	1	2	1	2
22.....	3	5	3	2	1	2234.....	18	5	6	5	6
23.....	3	1	2	2	1	2241.....	8	9	24	6	7
24.....	5	6	7	6	3	225.....	4	3	5	3	4
25.....	2	14	4	3	5	2251.....	2	3	3	3	3
26.....	1	1	6	1	1	2252.....	4	5	17	3	3
27.....	3	6	10	2	1	2253.....	6	4	3	4	3
28.....	1	2	2	1	1	2254.....	1	1	1	1	1
29.....	1	22	50	1	3	2256.....	11	8	18	8	26
30.....	1	1	2	1	1	2261.....	11	3	8	8	7
31.....	4	2	3	3	2	227.....	1	4	12	1	3
32.....	2	12	5	1	2	2271.....	1	1	14	1	2
33.....	1	1	3	1	1	2273.....	17	13	18	5	9
34.....	1	15	3	1	1	2274.....	1	1	1	1	1
35.....	1	1	4	1	1	228.....	2	1	43	6	1
36.....	1	1	3	1	2	229.....	7	5	9	5	6
37.....	1	1	1	1	1	2291.....	12	4	33	14	20
38.....	3	1	5	1	3	2294.....	18	23	35	21	21
39.....	2	2	5	2	4	2295.....	4	2	21	3	5
20.....	1	5	4	1	6	2298.....	11	10	19	5	5
201.....	2	3	29	2	6	2299.....	7	7	22	7	6
2011.....	3	3	29	3	6	23.....	3	1	2	2	1
202.....	3	5	5	2	2	231.....	7	2	8	7	10
2024.....	8	10	12	9	12	2311.....	5	3	7	5	10
2027.....	3	8	6	3	3	232.....	7	4	7	5	19
203.....	2	5	5	4	4	2321.....	5	9	12	5	6
2033.....	3	7	6	4	4	2322.....	24	20	64	15	16
204.....	2	3	21	2	3	2323.....	42	18	19	17	21
2041.....	3	7	5	3	4	2327.....	10	8	8	6	7
2042.....	3	7	10	3	4	2329.....	9	6	9	7	8
2043.....	1	1	1	1	1	233.....	5	4	3	4	1
205.....	2	16	5	2	35	2331.....	7	5	5	4	27
2051.....	2	6	5	3	39	2333.....	2	11	2	3	2
2052.....	3	4	5	3	3	2334.....	13	15	15	12	15
206.....	2	29	5	5	4	2337.....	8	7	6	4	5
2062.....	2	5	5	5	3	234.....	10	1	10	6	4
207.....	3	4	7	5	7	2341.....	5	4	6	3	4
2071.....	5	7	7	7	9	2342.....	11	10	20	10	11
2072.....	7	9	7	9	7	2351.....	17	14	13	9	13
2073.....	1	1	1	1	1	236.....	15	34	8	11	3
208.....	2	3	5	3	4	2361.....	9	19	16	19	19
2081.....	6	9	9	5	8	2369.....	9	43	9	9	44
2082.....	1	1	1	1	1	238.....	13	1	12	12	43
2084.....	7	8	9	6	7	2384.....	22	20	22	13	61
2085.....	7	4	3	4	4	2387.....	19	8	22	14	14
209.....	2	27	5	4	17	239.....	4	1	7	5	17
2091.....	1	1	1	1	1	2391.....	13	12	12	9	10
2092.....	6	22	8	3	6	2392.....	6	12	7	7	40
2094.....	3	8	3	3	3	2393.....	13	8	24	7	8
2099.....	2	32	3	2	23	2399.....	10	8	15	10	13
21.....	1	1	5	1	1	24.....	6	5	7	6	3
2111.....	1	1	2	1	1	2411.....	8	12	3	14	10
2121.....	1	5	15	5	6	242.....	4	4	7	2	3
2131.....	1	2	7	3	4	2421.....	4	6	7	3	3
22.....	3	5	3	2	1	243.....	4	3	12	2	3
221.....	2	5	12	6	7	2431.....	4	6	10	3	5
2213.....	3	5	4	5	5	2432.....	2	3	9	3	9
222.....	2	6	20	2	5	2433.....	19	8	38	8	8
2223.....	2	6	51	4	9	244.....	6	5	14	7	4
2224.....	2	1	25	1	1	2441.....	11	7	32	11	19
						2444.....	7	6	14	7	11

See footnotes at end of table.

Table 3.-Sampling Variability of Selected Estimates for Industry Groups and Individual Industries--Continued

Code ¹	Sampling variability (percent) for estimate of ²⁻⁻					Code ¹	Sampling variability (percent) for estimate of ²⁻⁻				
	Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
24--Continued						28--Continued					
249.....	7	8	19	9	11	287.....	4	20	12	4	5
2491.....	15	11	57	8	11	2871.....	3	6	17	2	3
2493.....	24	28	35	35	32	2872.....	10	7	13	8	11
2499.....	9	8	18	9	12	288.....	3	6	11	3	5
25.....	2	14	4	3	5	2881.....	7	10	36	10	10
251.....	1	4	3	2	6	2886.....	6	11	14	5	7
2511.....	2	4	6	8	3	2887.....	10	12	14	15	13
2512.....	3	4	4	3	4	289.....	1	5	6	2	3
2514.....	5	11	20	4	4	2891.....	10	24	37	9	13
2515.....	4	4	5	3	37	2893.....	5	9	6	5	5
252.....	5	2	31	6	13	2894.....	9	15	15	10	7
2521.....	8	6	50	9	9	2896.....	6	11	16	4	3
2522.....	7	3	32	5	14	2899.....	6	9	9	3	4
253.....	20	23	13	20	17	29.....	1	22	50	1	3
2531.....	7	26	16	5	7	2911.....	3	2	63	1	3
2541.....	7	19	12	6	12	295.....	8	17	20	6	13
26.....	1	1	6	1	1	299.....	3	14	15	11	18
261.....	1	1	4	1	1	2992.....	9	9	16	8	14
2641.....	4	6	8	5	5	30.....	1	1	2	1	1
2661.....	6	6	15	3	5	3011.....	1	1	1	1	1
267.....	3	3	10	4	5	3021.....	1	1	1	1	1
2671.....	3	3	10	3	5	3031.....	8	17	29	16	4
2674.....	9	24	17	7	13	3099.....	2	2	4	1	2
269.....	1	3	8	3	10	31.....	4	2	3	3	2
2691.....	9	12	23	4	6	3111.....	4	4	10	4	5
2699.....	3	4	5	3	13	3131.....	13	14	28	9	12
27.....	3	6	10	2	1	314.....	1	1	1	1	1
2711.....	6	14	52	7	10	3141.....	1	1	1	1	1
2721.....	10	8	14	11	13	3142.....	7	13	9	5	9
273.....	7	43	15	12	1	3161.....	14	9	20	30	11
2731.....	7	21	13	17	3	317.....	9	5	10	11	3
2732.....	15	77	30	13	16	3171.....	9	6	11	11	12
2751.....	4	7	7	4	5	3172.....	20	13	9	6	7
2761.....	4	6	5	4	6	32.....	2	12	5	1	2
278.....	28	14	22	17	23	3211.....	1	1	8	7	11
2781.....	20	28	26	21	32	322.....	1	1	9	1	1
279.....	16	20	17	14	15	3221.....	1	1	1	1	1
28.....	1	2	2	1	1	3229.....	4	4	13	3	3
281.....	1	14	4	1	1	3231.....	6	8	18	6	6
2811.....	6	7	3	5	8	3241.....	1	1	1	1	1
2812.....	1	1	1	1	1	325.....	18	10	12	9	16
2819.....	2	10	7	1	1	3251.....	21	16	11	10	23
282.....	1	2	4	1	1	3253.....	2	1	1	1	1
2822.....	1	1	1	1	1	3254.....	3	3	4	6	6
2823.....	2	3	8	1	1	3255.....	20	27	45	16	19
2824.....	1	1	1	1	1	326.....	3	9	21	7	6
2825.....	1	1	1	1	1	3261.....	13	26	5	14	16
2826.....	5	16	5	4	13	3262.....	1	1	1	1	1
2829.....	1	3	6	1	1	3263.....	1	1	1	1	1
283.....	1	3	4	1	9	3264.....	3	3	4	4	2
2834.....	2	3	3	1	2	327.....	3	13	7	2	4
284.....	2	10	5	4	6	3271.....	5	3	7	4	5
2841.....	4	11	4	3	4	3272.....	3	2	50	1	1
2842.....	8	12	3	14	10	3275.....	6	8	2	3	3
285.....	3	6	13	3	4	3281.....	9	89	28	9	10
2851.....	4	5	14	3	7	329.....	4	20	15	4	5
2852.....	6	24	12	3	1	3291.....	7	3	33	8	15
						3292.....	7	3	23	8	12
						3293.....	11	12	20	8	6
						3297.....	4	4	26	5	4
						3299.....	10	34	25	11	21

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Table 3.-Sampling Variability of Selected Estimates for Industry Groups and Individual Industries-Continued

Code ¹	Sampling variability (percent) for estimate of ² --					Code ¹	Sampling variability (percent) for estimate of ² --				
	Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
33.....	1	1	3	1	1	35--Continued					
331.....	1	1	1	1	1	354.....	2	1	11	4	5
3312.....	1	1	1	1	1	3541.....	5	4	31	5	3
3313.....	1	1	1	1	1	3542.....	3	3	8	3	12
						3545.....	5	5	16	4	5
332.....	1	2	7	2	2	355.....	3	2	11	1	5
3321.....	4	5	14	4	4	3551.....	10	25	32	6	9
3322.....	7	6	8	4	4	3552.....	9	3	16	6	8
3323.....	2	4	3	1	2	3554.....	2	4	12	4	4
						3555.....	9	12	32	5	9
333.....	1	1	1	1	1	3559.....	3	3	8	4	7
3331.....	1	1	1	1	1						
3332.....	1	1	1	1	1	356.....	2	2	5	2	2
3333.....	1	1	1	1	1	3561.....	2	5	6	2	3
3334.....	1	1	1	1	1	3563.....	3	2	10	4	4
						3565.....	6	4	22	4	8
3341.....	11	11	24	7	1	3566.....	3	2	5	2	5
						3567.....	11	9	29	11	9
335.....	1	3	8	1	2	3569.....	6	4	10	4	7
3351.....	1	1	1	1	1						
3352.....	4	8	10	7	4	357.....	1	1	5	2	3
3359.....	5	5	29	4	4	3571.....	1	3	3	3	4
						3572.....	4	3	9	1	1
3361.....	4	4	9	9	5	3579.....	6	3	3	6	3
339.....	1	2	8	2	3	358.....	1	2	10	2	2
3391.....	5	6	20	5	6	3581.....	1	1	1	1	1
3392.....	1	1	1	1	1	3582.....	13	3	11	13	13
3393.....	4	6	7	5	9	3583.....	6	3	51	1	3
3399.....	4	7	8	4	7	3584.....	6	4	4	11	14
						3585.....	5	3	13	3	3
34.....	1	2	3	1	1	3586.....	1	1	1	1	1
3411.....	1	1	2	1	1	3589.....	12	13	4	18	16
342.....	2	3	7	2	2	359.....	10	2	10	2	3
3421.....	14	21	38	8	10	3591.....	7	10	29	3	5
3423.....	7	6	23	5	8	3592.....	7	7	15	8	14
3424.....	1	1	1	1	1	3593.....	1	1	1	1	1
3425.....	20	19	20	17	11	3599.....	4	3	9	6	4
3429.....	2	1	6	1	1						
						36.....	1	1	3	1	2
343.....	1	2	6	2	2						
3431.....	3	3	8	3	3	361.....	2	1	7	1	2
3439.....	3	2	7	2	2	3611.....	4	5	12	4	5
						3612.....	4	4	44	1	1
344.....	2	2	4	1	1	3614.....	5	1	21	3	3
3441.....	1	1	3	5	7	3615.....	4	3	15	1	1
3443.....	3	3	7	3	4	3616.....	2	1	6	1	3
3444.....	5	8	8	4	6	3617.....	18	13	28	10	16
						3619.....	14	18	16	10	9
346.....	3	8	7	3	1	3621.....	11	3	29	5	1
3463.....	2	3	5	3	4	3641.....	2	1	5	2	2
						3651.....	1	1	1	1	1
3471.....	7	5	17	5	11						
						366.....	1	1	1	1	1
348.....	3	9	9	4	3	3661.....	1	1	1	1	2
3489.....	3	4	9	4	7	3662.....	2	1	3	1	2
						3663.....	3	5	4	5	5
349.....	3	7	6	2	2	3664.....	3	1	1	1	1
3491.....	17	11	25	9	10	3669.....	4	6	6	8	6
3493.....	12	6	36	5	7						
3494.....	2	15	9	3	4	369.....	2	3	17	10	5
3495.....	4	5	6	3	6	3691.....	4	4	6	5	4
3496.....	1	1	1	1	1	3692.....	1	1	1	1	1
3497.....	6	6	41	5	6						
3499.....	8	5	11	5	5	37.....	1	1	1	1	1
35.....	1	1	4	1	1	371.....	1	1	4	1	1
						3713.....	4	5	10	6	10
351.....	1	1	1	1	1	3715.....	8	11	7	6	3
3519.....	1	1	2	1	1	3716.....	10	11	16	10	11
						3717.....	1	1	6	1	1
352.....	1	2	6	2	1						
3521.....	1	1	1	1	1	372.....	1	1	1	1	1
3522.....	7	5	11	6	6	3721.....	1	1	1	1	1
						3722.....	2	1	2	2	10
353.....	1	2	4	3	2	3723.....	2	3	5	3	3
3531.....	2	1	3	3	2	3729.....	2	3	5	4	4
3532.....	4	5	8	4	5						

See footnotes at end of table.

Table 3.--Sampling Variability of Selected Estimates for Industry Groups and Individual Industries--Continued

Code ¹	Sampling variability (percent) for estimate of ²⁻⁻					Code ¹	Sampling variability (percent) for estimate of ²⁻⁻				
	Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
37--Continued						39--Continued					
373.....	1	2	3	3	5	393.....	3	10	15	11	8
3731.....	1	3	2	10	4	3931.....	12	18	17	15	13
3732.....	16	10	15	12	11						
374.....	2	1	2	2	2	394.....	4	2	3	2	2
3741.....	4	3	2	3	3	3941.....	8	8	10	6	7
3742.....	4	1	2	3	3	3942.....	7	7	10	5	16
						3949.....	7	7	9	5	12
38.....	3	1	5	1	3	395.....	8	6	17	7	14
						3955.....	9	5	21	9	7
3811.....	2	3	5	2	3						
3821.....	3	1	9	3	3	396.....	3	6	19	7	11
384.....	1	4	5	2	1	3961.....	7	16	10	11	12
3842.....	3	5	4	3	3	3963.....	18	8	32	25	24
3843.....	11	18	22	5	6	3964.....	9	5	15	6	5
3861.....	2	1	5	1	3	3971.....	3	3	7	3	3
387.....	2	1	8	1	1	398.....	2	2	5	3	8
3871.....	1	2	2	1	2	399.....					
39.....	2	2	5	2	4	3983.....	14	23	57	12	18
						3988.....	10	7	31	5	15
						3993.....	18	19	18	14	31
						3995.....	19	31	36	16	31
391.....	5	7	16	5	4	1900.....	1	1	1	1	.2
3912.....	26	27	41	17	31						
3914.....	11	5	32	6	6						

Note: For a further explanation of this table, see section on Sampling and Estimating Procedures of the text.

¹See table 1 for title of individual industries.

²The percentage sampling variability shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

MANUFACTURES-SUMMARY STATISTICS

Table 4.—Sampling Variability of Selected Estimates for States and Industry Groups

State and industry group	Sampling variability (percent) for estimate of ² --					State and industry group ¹	Sampling variability (percent) for estimate of ² --				
	Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
NEW ENGLAND						MIDDLE ATLANTIC-- Continued					
Maine, total.....	4	5	11	6	5	New York--Continued					
20.....	20	19	52	12	16	24.....	16	11	26	13	12
22.....	5	4	20	2	2	25.....	6	25	8	5	7
23.....	10	14	12	17	15	26.....	4	6	12	4	21
26.....	2	2	29	1	2	27.....	4	13	0	4	8
31.....	1	1	2	1	1	28.....	2	4	23	1	1
35.....	1	1	6	1	1	29.....	4	58	40	2	3
37.....	1	4	1	1	1	30.....	1	1	4	1	1
New Hampshire, total.	4	5	9	3	2	31.....	5	5	12	12	13
22.....	1	2	1	5	5	32.....	4	46	16	2	2
25.....	14	17	22	2	9	33.....	3	3	6	1	2
26.....	4	4	5	2	3	34.....	4	15	9	3	8
31.....	4	8	4	8	14	35.....	3	3	12	2	3
32.....	1	41	16	13	26	36.....	5	3	8	2	2
35.....	1	4	6	4	5	37.....	1	2	6	1	1
36.....	1	1	1	1	1	38.....	1	1	3	1	1
Vermont, total.....	6	5	14	10	9	New Jersey, total....	1	6	3	1	1
20.....	14	24	11	17	18	20.....	3	47	7	4	4
22.....	15	12	27	11	10	22.....	4	2	15	3	11
35.....	2	2	2	1	1	23.....	14	5	9	8	9
Massachusetts, total.	1	1	4	1	16	26.....	5	8	15	3	3
20.....	6	5	15	8	15	27.....	11	11	13	16	17
22.....	3	3	15	4	3	28.....	2	3	12	2	2
23.....	10	6	8	4	9	29.....	1	15	3	1	1
25.....	8	6	13	5	10	33.....	4	8	23	2	2
26.....	4	4	16	3	4	34.....	4	5	14	2	6
27.....	10	7	25	14	16	35.....	4	3	11	3	3
28.....	13	10	8	4	5	36.....	2	1	2	1	2
29.....	6	48	30	2	6	37.....	1	1	3	1	1
30.....	2	2	8	1	1	38.....	2	1	10	2	2
31.....	4	6	6	4	4	39.....	9	8	19	5	7
32.....	8	10	10	4	15	Pennsylvania, total..	1	1	2	5	10
33.....	4	6	8	4	11	20.....	3	9	8	3	7
34.....	6	9	17	4	3	21.....	1	4	10	5	7
35.....	5	3	19	3	12	22.....	12	10	7	8	7
36.....	3	3	3	2	4	23.....	6	16	7	4	5
37.....	2	2	13	2	2	24.....	24	16	49	19	22
38.....	3	2	7	2	2	25.....	5	7	7	5	5
39.....	6	7	13	5	7	26.....	4	4	12	2	3
Rhode Island, total..	4	4	8	4	4	27.....	9	17	11	10	14
20.....	11	19	58	8	10	28.....	3	12	11	2	2
22.....	6	6	12	5	5	29.....	1	12	10	1	2
27.....	1	17	68	29	33	31.....	2	3	3	3	2
30.....	1	1	1	1	1	32.....	4	1	10	2	3
33.....	6	4	30	4	6	33.....	1	1	4	1	1
34.....	39	14	31	9	12	34.....	3	2	12	1	10
35.....	10	17	19	18	17	35.....	2	2	6	3	4
39.....	12	8	15	11	14	36.....	2	1	4	1	2
Connecticut, total...	1	1	4	1	1	37.....	2	1	5	2	1
20.....	7	7	16	4	15	38.....	3	3	13	2	3
22.....	19	7	38	3	9	EAST NORTH CENTRAL					
23.....	12	12	19	8	13	Ohio, total.....	2	1	3	1	1
26.....	1	3	27	4	4	20.....	3	3	7	4	4
27.....	18	25	24	24	24	22.....	2	3	5	2	2
28.....	8	6	18	2	3	23.....	14	38	18	11	18
30.....	3	14	4	2	2	25.....	2	4	6	3	3
31.....	12	6	10	16	13	26.....	2	6	34	4	5
32.....	21	13	4	35	38	27.....	8	12	13	6	3
33.....	8	2	14	2	1	28.....	1	2	5	1	1
34.....	4	6	9	4	4	30.....	1	1	4	1	1
35.....	2	1	10	2	30	31.....	5	4	2	9	9
36.....	3	5	8	2	3	32.....	16	6	10	4	4
37.....	1	1	1	1	1	33.....	1	1	5	1	2
MIDDLE ATLANTIC						34.....	1	2	9	2	3
New York, total.....	1	6	2	1	10	35.....	1	1	8	1	2
20.....	3	8	5	5	12	36.....	3	2	7	1	2
22.....	5	6	10	5	10	37.....	1	1	1	1	1
23.....	3	3	3	4	5	38.....	4	2	19	5	3
						39.....	5	5	12	5	5
						Indiana, total.....	1	1	3	1	1
						20.....	4	4	8	3	22
						21.....	1	1	1	1	1
						22.....	1	1	1	1	1

See footnotes at end of table.

Table 4.—Sampling Variability of Selected Estimates for States and Industry Groups—Continued

State and industry group ¹	Sampling variability (percent) for estimate of ² --					State and industry group ¹	Sampling variability (percent) for estimate of ² --				
	Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
EAST NORTH CENTRAL-- Continued						WEST NORTH CENTRAL-- Continued					
Indiana--Continued						Minnesota--Continued					
23.....	20	14	28	18	17	34.....	5	6	15	5	7
24.....	13	12	16	8	6	35.....	6	6	6	6	10
25.....	3	3	9	3	2	37.....	15	13	11	11	11
26.....	13	6	51	7	8	Iowa, total.....					
28.....	1	1	6	1	1	20.....	2	2	5	2	5
30.....	3	3	7	2	2	27.....	3	3	10	4	6
32.....	6	4	9	2	5	28.....	27	5	20	23	21
33.....	1	1	5	1	1	30.....	4	5	18	1	4
34.....	3	2	10	2	2	33.....	1	1	1	1	1
35.....	3	3	7	3	4	34.....	1	1	1	1	1
36.....	1	1	8	1	1	35.....	6	4	4	4	4
37.....	2	1	5	1	1	36.....	3	3	13	3	3
38.....	3	3	17	1	2	37.....	8	1	2	1	2
39.....	9	7	28	9	8	38.....	38	13	7	33	29
Illinois, total.....						38.....	1	1	1	1	1
20.....	2	3	5	2	3	Missouri, total.....					
22.....	8	7	6	14	19	20.....	2	2	6	1	2
25.....	5	4	8	7	5	23.....	6	4	20	4	6
26.....	7	6	21	5	5	24.....	13	11	15	8	12
27.....	6	1	10	5	7	26.....	18	24	33	13	28
28.....	3	9	13	2	3	27.....	6	9	1	9	44
29.....	4	3	10	1	1	28.....	10	18	17	14	12
30.....	8	6	22	5	5	29.....	6	3	3	2	2
31.....	1	1	1	1	29	31.....	3	15	24	1	2
32.....	4	13	10	4	5	32.....	4	2	2	3	3
33.....	2	1	4	1	1	33.....	2	13	27	1	2
34.....	2	3	7	2	2	34.....	1	4	1	1	1
35.....	3	11	8	2	3	35.....	5	8	11	3	3
36.....	2	1	4	3	1	36.....	7	4	24	8	11
37.....	2	1	6	1	1	37.....	1	1	3	1	1
38.....	24	17	25	18	17	North Dakota, total..					
39.....	6	4	14	4	7	38.....	38	47	36	12	5
Michigan, total.....						South Dakota, total..					
20.....	3	6	11	3	46	20.....	10	9	22	9	14
23.....	6	3	24	6	7	Nebraska, total.....					
25.....	3	3	8	2	3	20.....	4	6	23	9	11
26.....	11	10	22	3	6	28.....	9	6	27	5	6
28.....	3	6	7	1	1	34.....	6	9	47	10	9
30.....	2	6	2	1	2	36.....	1	8	16	8	9
31.....	3	4	1	7	4	37.....	7	4	19	2	3
32.....	12	2	14	6	11	Kansas, total.....					
33.....	2	2	9	1	2	20.....	6	3	9	2	3
34.....	4	3	7	2	8	28.....	10	9	30	6	6
35.....	3	6	16	2	2	29.....	3	14	2	2	11
37.....	1	7	2	1	3	34.....	1	1	1	1	4
38.....	3	4	14	3	3	37.....	16	9	19	9	19
Wisconsin, total.....						37.....	1	1	2	3	3
20.....	4	4	11	3	7	SOUTH ATLANTIC					
23.....	20	18	24	4	16	Delaware, total.....					
24.....	11	8	19	9	12	20.....	3	3	7	1	1
26.....	1	1	3	1	1	23.....	21	11	4	13	18
28.....	3	6	10	8	11	28.....	19	9	28	8	5
30.....	7	4	1	4	37	31.....	4	3	16	1	1
31.....	6	6	11	5	6	32.....	1	1	1	1	1
32.....	9	17	33	7	7	33.....	19	54	1	23	37
33.....	2	2	9	3	6	34.....	1	1	1	2	6
34.....	2	2	8	2	11	35.....	4	1	1	2	22
35.....	9	3	28	4	3	Maryland, total.....					
36.....	6	2	15	2	2	20.....	3	3	6	1	1
37.....	2	1	2	2	2	22.....	4	5	12	6	4
38.....	8	1	3	13	10	25.....	1	1	1	1	2
WEST NORTH CENTRAL						26.....	10	15	14	9	10
Minnesota, total....						28.....	12	19	52	8	9
20.....	2	2	8	3	15	30.....	6	10	22	3	2
24.....	14	13	54	10	15	31.....	5	3	1	5	7
26.....	3	6	25	4	12	32.....	1	1	3	1	1
27.....	13	12	11	9	10	33.....	4	6	26	4	4
28.....	8	10	32	7	12	34.....	1	2	1	1	1
29.....	5	6	40	7	6	35.....	5	5	4	3	4
30.....	1	1	1	1	1	See footnotes at end of table.					
32.....	12	7	52	23	21						
33.....	3	3	32	3	6						

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Table 4.—Sampling Variability of Selected Estimates for States and Industry Groups—Continued

State and industry group ¹	Sampling variability (percent) for estimate of ²⁻⁻					State and industry group ¹	Sampling variability (percent) for estimate of ²⁻⁻				
	Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
SOUTH ATLANTIC-- Continued						SOUTH ATLANTIC-- Continued					
Maryland--Continued						Georgia--Continued					
35.....	1	4	3	7	7	36.....	1	1	1	1	1
36.....	1	4	2	2	2	37.....	1	1	1	1	1
37.....	1	1	1	1	1						
38.....	1	1	44	13	11	Florida, total.....	4	8	10	2	3
District of Columbia, total.....	11	6	18	13	10	20.....	8	6	19	5	11
20.....	7	11	10	24	14	21.....	1	1	1	4	2
27.....	18	10	33	11	16	23.....	34	24	25	23	24
Virginia, total.....	2	4	7	1	2	24.....	15	29	25	14	14
20.....	7	10	13	11	14	25.....	23	18	24	15	15
21.....	1	1	1	1	1	26.....	1	1	1	1	1
22.....	1	1	1	1	5	27.....	28	21	57	37	42
23.....	8	10	13	9	26	28.....	3	12	49	1	1
24.....	11	32	29	10	9	32.....	13	17	38	7	6
25.....	3	2	10	2	3	34.....	8	7	8	6	7
26.....	10	8	48	8	8	36.....	19	13	21	9	25
28.....	1	3	4	1	1	37.....	10	27	13	13	19
31.....	1	1	1	1	1	EAST SOUTH CENTRAL					
32.....	6	16	15	2	4	Kentucky, total.....	3	4	9	2	3
33.....	1	1	1	1	1	20.....	5	7	12	6	16
34.....	12	13	28	8	8	21.....	1	1	1	1	1
35.....	1	20	26	6	11	24.....	16	18	82	18	18
37.....	3	3	49	7	10	25.....	8	7	15	7	11
West Virginia, total.	3	5	6	1	1	26.....	1	1	1	1	1
20.....	12	12	18	14	20	28.....	4	23	4	1	2
21.....	1	1	1	1	1	29.....	1	1	1	1	1
22.....	1	1	1	1	1	32.....	5	8	17	4	6
23.....	17	21	31	23	27	33.....	1	1	1	1	1
28.....	1	1	1	1	1	34.....	6	6	11	3	3
32.....	1	5	3	3	2	35.....	4	2	1	2	2
33.....	1	1	1	1	1	36.....	1	1	2	1	8
34.....	5	8	8	9	8	37.....	1	2	3	2	2
35.....	13	4	9	12	18	Tennessee, total....	3	10	15	9	6
36.....	1	1	1	1	1	20.....	9	3	5	3	8
37.....	1	1	1	1	1	22.....	3	2	15	2	3
North Carolina, total	2	2	6	1	2	23.....	8	10	9	9	7
20.....	8	5	12	8	8	24.....	7	9	15	7	10
21.....	1	1	1	1	1	25.....	6	5	14	4	11
22.....	2	2	12	21	2	26.....	9	17	32	1	1
23.....	15	11	23	9	24	27.....	14	27	40	26	21
24.....	13	23	40	11	11	28.....	1	4	8	1	1
25.....	19	11	6	10	9	30.....	3	6	1	1	1
26.....	3	24	45	4	3	31.....	1	1	1	1	1
28.....	3	7	4	3	3	32.....	3	10	13	5	6
30.....	1	1	1	1	1	33.....	1	1	7	1	1
32.....	43	30	26	9	26	34.....	3	4	6	4	4
34.....	31	9	15	7	7	38.....	1	1	1	1	1
36.....	1	1	1	1	1	Alabama, total.....	2	3	51	1	1
38.....	1	1	1	1	1	20.....	8	11	29	12	3
South Carolina, total	4	1	9	1	1	22.....	1	1	1	1	1
20.....	11	7	8	16	18	23.....	7	8	16	13	11
22.....	1	1	1	1	1	28.....	3	9	2	2	2
23.....	9	11	21	9	10	29.....	1	14	33	9	5
24.....	22	19	24	18	17	30.....	5	1	56	6	2
25.....	9	6	1	4	4	32.....	4	9	9	12	10
26.....	1	1	1	1	1	33.....	1	1	1	1	1
Georgia, total.....	2	19	8	2	2	34.....	3	2	10	2	2
20.....	7	4	25	8	7	35.....	9	27	69	5	18
22.....	1	2	3	3	2	36.....	1	1	1	1	1
23.....	9	13	10	7	9	37.....	1	1	5	1	1
24.....	19	24	41	10	13	Mississippi, total..	4	6	15	3	5
25.....	7	14	25	6	11	23.....	10	14	13	10	16
26.....	5	7	42	2	2	24.....	8	11	27	11	11
28.....	5	16	13	2	2	25.....	6	5	41	5	6
31.....	1	1	1	1	1	26.....	1	1	1	1	1
32.....	10	12	46	11	17	28.....	6	7	59	4	14
34.....	11	8	9	6	6	34.....	9	14	13	17	14
						36.....	1	4	1	4	4

See footnotes at end of table.

Table 4. Sampling Variability of Selected Estimates for States and Industry Groups--Continued

State and industry group ¹	Sampling variability (percent) for estimate of ²⁻⁻					State and industry group ¹	Sampling variability (percent) for estimate of ²⁻⁻				
	Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets			Supple- mentary employee costs, except legally required employee plans	Total expendi- tures for mainte- nance and repairs	Rental payments	Depreciable or depletable assets	
				Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957					Gross book value on Dec. 31, 1957	Deprecia- tion and depletion charged in 1957
WEST SOUTH CENTRAL						MOUNTAIN-- Continued					
Arkansas, total.....	4	7	12	2	3	Colorado--Continued					
22.....	1	1	1	1	1	26.....	1	1	1	10	8
24.....	13	12	44	6	9	27.....	13	8	1	18	29
25.....	11	2	43	6	6	28.....	23	28	3	43	48
26.....	1	1	1	1	1	32.....	1	5	32	1	3
28.....	4	16	3	3	2	35.....	1	3	12	3	3
29.....	1	1	1	1	1	36.....	16	16	27	20	3
31.....	1	1	1	1	1	37.....	1	1	1	1	1
33.....	1	7	1	2	4	38.....	22	14	53	19	17
Louisiana, total.....	2	6	6	1	1	New Mexico, total....	4	7	19	9	44
20.....	6	17	16	7	8	Arizona, total.....	5	10	17	4	4
24.....	10	12	20	6	6	20.....	13	16	15	10	13
26.....	1	1	11	1	1	33.....	1	1	1	1	1
28.....	3	15	11	3	3	34.....	13	9	11	15	9
29.....	1	1	1	1	1	37.....	8	4	2	3	3
32.....	3	13	43	2	4	Utah, total.....	5	8	17	10	9
33.....	1	1	1	1	1	20.....	7	15	32	12	13
34.....	4	5	16	3	4	29.....	8	1	1	2	10
37.....	2	2	2	3	2	32.....	21	9	61	12	9
Oklahoma, total.....	4	3	10	2	3	35.....	1	8	6	14	6
20.....	24	13	19	14	14	Nevada, total.....	5	22	11	6	6
24.....	14	20	54	15	15	32.....	11	38	52	2	7
25.....	16	8	37	6	7	33.....	1	1	1	1	1
29.....	1	1	4	15	2	PACIFIC					
32.....	3	8	54	1	2	Washington, total....	3	4	4	4	4
33.....	1	8	1	1	1	20.....	8	10	6	7	10
34.....	9	3	24	16	2	24.....	4	12	7	5	5
35.....	6	4	17	31	21	25.....	17	13	26	19	20
36.....	1	1	1	1	1	26.....	5	9	41	1	2
37.....	2	2	4	8	7	27.....	47	36	38	52	44
Texas, total.....	2	2	4	1	1	28.....	1	9	2	2	4
20.....	3	5	6	4	8	33.....	2	8	14	1	1
23.....	10	19	17	10	7	34.....	7	6	22	5	19
24.....	9	13	49	9	8	35.....	11	12	24	15	13
25.....	21	32	15	7	6	37.....	1	3	1	1	1
26.....	1	4	44	2	4	Oregon, total.....	3	4	6	12	5
27.....	19	22	27	17	22	20.....	6	7	8	5	6
28.....	2	5	5	1	1	24.....	6	6	11	1	9
29.....	1	9	1	1	1	26.....	1	1	1	1	1
33.....	4	15	8	2	2	35.....	16	15	22	19	20
34.....	9	8	19	11	8	California, total....	1	3	4	5	2
35.....	11	6	20	6	7	20.....	3	6	22	3	4
36.....	1	2	3	2	2	22.....	13	18	20	7	12
37.....	3	2	6	4	5	23.....	9	22	9	28	11
MOUNTAIN						24.....	6	13	13	5	6
Montana, total.....	6	50	16	5	5	25.....	9	6	16	8	16
24.....	21	32	16	19	16	26.....	4	6	12	7	7
28.....	1	1	1	1	1	27.....	8	9	16	10	10
Idaho, total.....	5	12	14	5	5	28.....	4	8	9	2	2
20.....	13	22	13	15	17	29.....	1	12	18	1	1
24.....	8	20	21	8	10	30.....	2	3	11	1	2
Wyoming, total.....	1	84	89	40	36	33.....	4	8	19	4	11
29.....	1	1	1	1	1	34.....	3	5	7	5	5
Colorado, total.....	3	4	11	3	3	35.....	4	4	10	3	4
20.....	9	12	12	9	9	36.....	4	5	8	5	5
23.....	31	36	32	21	32	37.....	1	1	3	1	4
						39.....	11	10	16	15	12

Note: For a further explanation of this table, see section on Sampling and Estimating Procedures of the text.

¹See table 1 for title of individual industries.

²The percentage sampling variability shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

DISTRIBUTION OF
MANUFACTURERS' SALES,
BY CLASS OF CUSTOMER

10-1



DISTRIBUTION OF MANUFACTURERS' SALES, BY CLASS OF CUSTOMER

General

This chapter shows the channels through which manufacturers distribute their products. The data were obtained from a special survey conducted as part of the 1958 Census of Manufactures. For approximately 300 groups of products, covering all manufacturing except apparel and printing and publishing, information is provided on shipments by manufacturing plants directly to the different classes of customers and to other parts of the same company such as sales branches, sales offices, manufacturing plants, retail stores, etc. Separate class of customer data for the sales of manufacturers' sales branches, sales offices, and administrative offices are also shown in this chapter.

This is the first comprehensive survey on the primary channels of distribution for manufactured products in almost 20 years. This type of information was collected last on a broad scale in connection with the 1939 Census of Manufactures and was published as part of the 1939 Census of Business (Volume V, "Distribution of Manufacturers' Sales, 1939"). In the 1954 Census of Manufactures, manufacturing establishment distribution patterns were developed for 28 industries or groups of commodities. Although the details of the 1954 inquiries differed from industry to industry, in general, distinctions were typically made between (a) interplant transfers, (b) shipments to retailers, (c) shipments to wholesalers, (d) shipments to Government, and (e) export shipments. These data were presented in the 1954 Census of Manufactures, Volume II, "Industry Statistics."

The 1954 Census of Wholesale Trade obtained information on sales by class of customer for merchant wholesalers, and manufacturers' sales branches and sales offices, which was published in the U.S. Census of Business: 1954, Volume III, "Wholesale Trade, Summary Statistics."

Current Approach to Distribution of Sales

The 1958 Census of Manufactures collected distribution-of-sales data for homogeneous product groups on a company basis for relatively broad classes of customers. To reduce both the cost of this program and the reporting burden on small firms while still meeting the primary publication objectives, the data were collected

from the sample of companies which had participated in the Annual Survey of Manufactures for the years 1955 through 1957.

In contrast to earlier practice, the company, rather than the individual establishment, was chosen as the reporting unit for the analysis of sales by class of customer since in multiunit firms such records are often not available at the establishment level. The multiunit firms were asked to summarize into specified product groups (generally 4-digit SIC groups) the shipments of products shown on their 1958 Census manufacturing establishment report forms. Thus, multiunit firms might report for two or five or a dozen product groups. Form NC-K4M was used by these firms. Single-unit companies (that is, those with only one manufacturing plant) having over 1,000 employees also reported on this form. All other single-unit companies were required to report the sales analysis only for the total of all products shipped. They used Form NC-K4S for this purpose.

The product groups for which the class-of-customer analysis was requested represent categories of related individual products. In most cases they are the group of products primary to an industry. However, for a number of important product classes (5-digit level) with markedly different marketing patterns from other product classes of the industry, separate class-of-customer information was obtained. On the other hand, the products of smaller 4-digit industries were frequently combined with others believed to have similar distribution patterns. When using the data shown in this report, it must be borne in mind that these product groups are based not on the new (1957) edition of the Standard Industrial Classification, but rather on the old (1945) edition as amended for use in the 1954 Census of Manufactures.

Although the present program was simplified as much as possible, consistent with the expressed needs for data, it was anticipated that many respondents would have difficulty in reporting the customer class analysis. Therefore, the following instructions were included on the reporting form:

"Estimates are acceptable. We appreciate that there is no uniform system of

sales analysis for all manufacturing companies and that reporting on this form will require that some companies will have to resort to the use of estimates to a greater extent than is usually necessary for census reporting forms. If you do not have records showing your sales by class of customer or if your sales analysis by customer class differs for some of the classes shown on this form, approximate figures will be acceptable. It is hoped that you can provide estimates that do not miss the actual figure by 2 or 3 percent of the total value of sales for the product group."

Sampling and Estimating Procedures

As noted above, the sample panel of the Annual Survey of Manufactures was used to gather information on primary channels of distribution for manufactured products. This panel consisted of a probability sample drawn from the list of all manufacturing establishments included in the 1954 Census of Manufactures, plus lists of new manufacturers (births) obtained from the Bureau of Old Age and Survivors Insurance for the years 1955-1958. The sample included nearly 50,000 of the approximately 300,000 manufacturing establishments that operated in 1958. In terms of companies, the unit of reporting for this survey, the sample covered approximately 30,000 firms from a universe of approximately 270,000 firms.

All multiunit companies having any manufacturing plants of 100 employees or more, and all single-unit companies of that size were included in the survey with certainty. They are designated in the tables as "large companies." Smaller companies were sampled at probabilities between 1.000 and 0.0025, and are designated as "small companies." In general, the probability of selection varied with company size, i.e., the larger companies were assigned higher probabilities of selection than the smaller companies, but the specific probability function used varied by industry.

The class-of-customer data presented in this report represent sample estimates that were adjusted to the level of the 1958 Census of Manufactures old SIC universe product totals. Two broad steps were involved in the development of the figures: (1) derivation of separate totals of manufacturing plant shipments for all companies, for large companies, and for small companies; and (2) the distribution of each of these totals by class of customer.

1. Derivation of the Totals.—The total of manufacturing plant shipments shown on the first line of the "all companies" column of the table is the above-mentioned old SIC universe product total as tabulated from the 1958 Census of Manufactures establishment reports. The total for "large companies" in column B represents the

actual figures which these companies (certainty companies) reported in the Distribution of Sales survey. The total for "small companies" in column C was obtained by subtracting the large company total from the Census universe product total.

2. The Distribution by Class of Customer.—The detail by class of customer for large (i.e., certainty) companies also represents the actual data reported by these companies. The class-of-customer pattern for small (i.e., noncertainty) companies, however, is based on estimates obtained by multiplying each company's class-of-customer data by its sample weight, summing the inflated company data to publication cell levels, and adjusting the results proportionately to the derived small company total. This adjustment had the effect of imputing to small nonrespondents the distribution pattern of respondent small companies. The pattern of distribution for all companies is merely the sum of the separate patterns for the large and small companies.

Approximate measures of the possible variability due to sampling are shown for each class of customer in the column entitled "standard error of estimate." It should be noted that the standard errors for the small company estimates are usually quite high owing mainly to two factors: (a) The sample was designed for the Annual Survey of Manufactures rather than for this Distribution of Sales survey. (b) The rate of nonresponse by small companies was higher in this survey than in the Annual Survey of Manufactures. It is believed, nevertheless, that the class-of-customer patterns are valid, especially those for "All companies" and "Large companies" since all of the latter companies were included in the survey and in the aggregate they account for a very high percentage of manufacturing activity.

Distribution of Sales by Sales Branches, Sales Offices, and Administrative Offices

As previously noted, Form NC-K4M requested companies to analyze, by class of customer, the sales of their sales branches, sales offices, and administrative offices, as well as of their manufacturing plants. The results of this analysis are shown for each product group in the lower portion of the table. The total sales of these units exceeds the value of manufacturing plant shipments to or on orders from them (shown in the second line of the table) because the former includes: (1) sales of products bought and resold without further processing or fabrication whereas such resales are generally excluded from the manufacturing plant figures; (2) cost of transporting products from plants to sales branches or company warehouses; and (3) "mark-ups" from the value at which these shipments are reported by the manufacturing plants.

Definition of Class-of-Customer Terms

Sales Offices and Sales Branches.—Separate wholesale outlets owned and operated by manufacturers, primarily for purposes of selling their products, although they may also handle products made by others. Census data for these outlets were reported on Census of Business Form CB51C-1.

Administrative Offices.—Separately maintained units of manufacturing companies which were covered in the census on Form NC-X6.

Separate Merchant Wholesale Establishments of the Same Company.—Establishments of a manufacturing company which were covered on Census of Business Forms CB50A through CB50M.

Other Manufacturing Plants of the Same Company.—Interplant transfers of products from one plant to another plant of the company for further processing or of finished products made in one plant but used as materials, supplies, or containers for products in the manufacturing activity of another plant in the same company. All other manufacturers are a separate customer class.

Individuals (Household Users) and Farmers.—Individual household consumers (including sales to the company's employees at retail) and farmers.

Industrial, Construction, Institutional, and Commercial Users; and State and Local Governments.—Concerns which purchase goods for

business purposes or for consumption in further production. Includes housing contractors and other construction firms, restaurants, railroads, public utilities, mines, State and local Government bodies, hotels, hospitals, schools, and other large users. Excludes manufacturers.

Wholesalers.—All wholesale establishments purchasing primarily for resale to retailers; to industrial, commercial, institutional or professional users; or to other wholesalers. Included are industrial distributors, drop shippers or desk jobbers, voluntary group wholesalers, and retail cooperative warehouses, as well as wholesale merchants and exporters and export intermediaries. Excludes shipments to separate merchant wholesale establishments of the same company which constitute a separate customer class.

Retailers.—Establishments selling merchandise for personal, household or farm consumption. Included in this category are chains, mail order houses, department stores and independent retailers, purchasing primarily for resale. Retail stores owned by the same company are a separate class of customer.

Federal Government.—All branches of the Federal Government and corporations owned by the Federal Government; also includes post exchanges, ship's stores, and similar units.

Exports.—Shipments by manufacturers directly to foreign customers and foreign subsidiaries. Excludes shipments to domestic exporters, who are included in the wholesaler category.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
MEAT PACKING PLANT PRODUCTS, PREPARED MEATS, AND SAUSAGE CASINGS ^{2 3}																
By manufacturing establishments, total....	12,633	9,702	2,931	100	100	100	-	-	1,559	823	736	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,467	1,451	16	12	15	1	1	40	178	178	...	11	22	-	-	-
Separate merchant wholesale establishments of the same company.....	20	20	...	(4)	(4)	-	-	-	15	15	...	1	2	-	-	-
Individuals (household users) and farmers	79	9	69	(4)	(4)	2	40	60	10	5	5	1	1	1	18	40
Other manufacturing plants of the same company.....	444	444	...	4	4	-	-	-	28	28	...	2	3	-	-	-
Other manufacturers.....	480	370	110	4	4	4	12	60	16	11	5	1	1	2	13	40
Industrial, construction, institutional, and commercial users; and State and local Governments.....	250	208	42	2	2	1	5	40	11	3	8	1	(4)	1	20	30
Wholesalers.....																
Retail stores owned by the same company.	59,352	56,773	52,580	574	570	588	511	550	51,223	5537	(S)	578	565	(S)	565	-
All other retail stores.....																
Federal Government.....	204	179	25	2	2	1	10	80	19	15	4	1	2	1	9	40
Exports.....	113	113	...	1	1	-	-	-	3	3	(6)	(4)	(4)	(4)	1	90
Other and not specified by class of customer.....	224	134	89	2	1	3	11	50	55	29	27	4	3	4	20	50
By sales offices, sales branches, and administrative offices, total.....	1,843	1,827	16	100	100	100	1	40	238	238	...	100	100	-	-	-
Individuals (household users) and farmers	(6)	(6)	...	(4)	(4)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	76	76	...	4	4	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	137	137	...	7	7	-	-	-	12	12	...	5	5	-	-	-
Wholesalers.....																
Retail stores owned by the same company.	51,505	51,490	516	582	582	5100	51	540	5219	5219	...	592	592	-	-	-
All other retail stores.....																
Federal Government.....	43	43	...	2	2	-	-	-	3	3	...	1	1	-	-	-
Exports.....	7	7	...	(4)	(4)	-	-	-	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	75	75	...	4	4	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
CREAMERY BUTTER AND NATURAL CHEESE ²																
By manufacturing establishments, total....	1,503	645	859	100	100	100	-	-	908	624	284	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	299	220	79	20	34	9	20	70	305	236	69	34	38	24	10	70
Separate merchant wholesale establishments of the same company.....	9	9	...	1	1	-	-	-	5	5	...	1	1	-	-	-
Individuals (household users) and farmers	36	15	21	2	2	3	20	35	3	2	2	(4)	(4)	1	30	90
Other manufacturing plants of the same company.....	52	52	...	3	8	-	-	-	48	48	...	5	8	-	-	-
Other manufacturers.....	115	35	80	8	5	9	19	30	132	62	70	14	10	25	20	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	7	2	5	1	(4)	1	40	50	5	3	2	1	(4)	1	30	90
Wholesalers.....																
Retail stores owned by the same company.	5818	5237	5581	554	537	568	545	560	5344	5219	5124	538	535	544	5100	545
All other retail stores.....																
Federal Government.....	47	37	10	3	6	1	20	90	19	19	...	2	3	-	-	-
Exports.....	(6)	(6)	...	(4)	(4)	-	-	-	22	22	...	2	4	-	-	-
Other and not specified by class of customer.....	121	38	83	8	6	10	25	35	25	9	16	3	1	6	25	60
By sales offices, sales branches, and administrative offices, total.....	(7)	398	(7)	100	100	100	xxx	xxx	420	271	149	100	100	100	17	70
Individuals (household users) and farmers	(7)	6	(7)	(7)	2	(7)	xxx	xxx	2	1	1	(4)	(4)	(4)	23	90
Other manufacturers.....	(7)	6	(7)	(7)	1	(7)	xxx	xxx	46	7	39	11	3	26	50	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(7)	5	(7)	(7)	1	(7)	xxx	xxx	3	3	(6)	1	1	(4)	1	90
Wholesalers.....																
Retail stores owned by the same company.	(5 7)	5372	(5 7)	(5 7)	594	(5 7)	xxx	xxx	5238	5131	5107	557	548	572	525	5100
All other retail stores.....																
Federal Government.....	(7)	9	(7)	(7)	2	(7)	xxx	xxx	107	105	2	26	39	1	1	100
Exports.....	(7)	(6)	(7)	(7)	(4)	(7)	xxx	xxx	24	24	(6)	6	9	(4)	1	90
Other and not specified by class of customer.....	(7)	(6)	(7)	(7)	(4)	(7)	xxx	xxx	(6)	(6)	...	(4)	(4)	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-7

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
ICE CREAM AND ICES ²																
By manufacturing establishments, total....	1,138	693	444	100	100	100	-	-	564	373	192	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	272	188	83	24	27	19	20	90	188	177	11	33	48	6	1	60
Separate merchant wholesale establishments of the same company.....	34	14	20	3	2	4	45	100	2	2	...	(4)	1	-	-	-
Individuals (household users) and farmers	9	4	5	1	1	1	25	60	16	12	4	3	3	2	4	50
Other manufacturing plants of the same company.....	6	6	...	1	1	-	-	-	19	19	...	3	5	-	-	-
Other manufacturers.....	4	2	2	(4)	(4)	1	40	100	8	8	...	1	2	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	28	19	9	2	3	2	16	60	2	1	1	(4)	(4)	1	7	50
Wholesalers.....	5713	5417	5296	563	560	567	56	520	5197	5131	566	535	535	535	55	550
Retail stores owned by the same company. All other retail stores.....	12	11	1	1	2	(4)	10	80	12	12	...	2	3	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	3	3	...	1	1	-	-	-
Exports.....	61	32	28	5	5	6	16	50	116	6	110	21	2	57	16	50
Other and not specified by class of customer.....	(7)	231	(7)	100	100	100	xxx	xxx	212	201	11	100	100	100	1	60
By sales offices, sales branches, and administrative offices, total.....	(7)	1	(7)	(7)	(4)	(7)	xxx	xxx	7	4	3	3	2	30	14	90
Individuals (household users) and farmers	(7)	(D)	(7)	(7)	(8)	(7)	xxx	xxx	7	7	...	4	4	-	-	-
Other manufacturers.....	(7)	5	(7)	(7)	2	(7)	xxx	xxx	6	6	...	3	3	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(7)	5	(7)	(7)	2	(7)	xxx	xxx	6	6	...	3	3	-	-	-
Wholesalers.....	(5 7)	5221	(5 7)	(5 7)	95	(5 7)	xxx	xxx	5181	5178	53	585	588	529	51	590
Retail stores owned by the same company. All other retail stores.....	(7)	1	(7)	(7)	1	(7)	xxx	xxx	5	5	...	2	3	-	-	-
Federal Government.....	(7)	(D)	(7)	(7)	(4)	(7)	xxx	xxx	(D)	(D)	...	(8)	(8)	-	-	-
Exports.....	(7)	(D)	(7)	(7)	(4)	(7)	xxx	xxx	(D)	(D)	4	(9)	(4)	41	20	90
Other and not specified by class of customer.....	(7)	(D)	(7)	(7)	(4)	(7)	xxx	xxx	(D)	(D)	4	(9)	(4)	41	20	90
FLUID MILK AND CREAM ^{2 3}																
By manufacturing establishments, total....	4,893	2,992	1,901	100	100	100	-	-	270	202	68	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	492	359	133	10	12	7	15	50	(7)	65	(7)	(7)	32	(7)	xxx	xxx
Separate merchant wholesale establishments of the same company.....	77	77	...	2	3	-	-	-	(7)	(D)	(7)	(7)	1	(7)	xxx	xxx
Individuals (household users) and farmers	1,323	726	597	27	24	31	5	11	(7)	(6)	(7)	(7)	(4)	(7)	xxx	xxx
Other manufacturing plants of the same company.....	104	104	...	2	3	-	-	-	(7)	...	(7)	(7)	-	(7)	xxx	xxx
Other manufacturers.....	246	152	94	5	5	5	13	30	(7)	(D)	(7)	(7)	(4)	(7)	xxx	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	171	83	87	3	3	5	16	30	(7)	1	(7)	(7)	1	(7)	xxx	xxx
Wholesalers.....	52,166	51,296	5869	544	543	546	53	57	(5 7)	5106	(5 7)	(5 7)	553	(5 7)	xxx	xxx
Retail stores owned by the same company. All other retail stores.....	58	41	17	1	1	1	11	35	(7)	1	(7)	(7)	1	(7)	xxx	xxx
Federal Government.....	...	...	...	-	-	-	-	-	(7)	2	(7)	(7)	1	(7)	xxx	xxx
Exports.....	258	154	104	5	5	5	14	35	(7)	23	(7)	(7)	12	(7)	xxx	xxx
Other and not specified by class of customer.....	636	488	148	100	100	100	12	50	(7)	84	(7)	(7)	100	(7)	xxx	xxx
By sales offices, sales branches, and administrative offices, total.....	181	125	55	28	26	37	18	60	(7)	...	(7)	(7)	-	(7)	xxx	xxx
Individuals (household users) and farmers	132	96	36	21	20	24	19	70	(7)	(D)	(7)	(7)	(8)	(7)	xxx	xxx
Other manufacturers.....	29	29	...	5	6	-	-	-	(7)	6	(7)	(7)	7	(7)	xxx	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	29	29	...	5	6	-	-	-	(7)	6	(7)	(7)	7	(7)	xxx	xxx
Wholesalers.....	5251	5229	522	539	547	515	510	580	(5 7)	573	(5 7)	(5 7)	588	(5 7)	xxx	xxx
Retail stores owned by the same company. All other retail stores.....	5	5	...	1	1	-	-	-	(7)	2	(7)	(7)	2	(7)	xxx	xxx
Federal Government.....	...	...	...	-	-	-	-	-	(7)	1	(7)	(7)	2	(7)	xxx	xxx
Exports.....	38	3	35	6	1	24	90	100	(7)	(D)	(7)	(7)	(4)	(7)	xxx	xxx
Other and not specified by class of customer.....	38	3	35	6	1	24	90	100	(7)	(D)	(7)	(7)	(4)	(7)	xxx	xxx

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
CURED FISH AND OTHER SEAFOODS ²																
By manufacturing establishments, total....	44	40	3	100	100	100	-	-	2,781	2,350	431	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-	762	762	...	27	32	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	9	9	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	3	1	2	(⁴)	(⁴)	(⁴)	40	40
Other manufacturing plants of the same company.....	(D)	(D)	...	(¹¹)	(¹²)	-	-	-	17	17	...	1	1	-	-	-
Other manufacturers.....	(D)	(D)	...	(⁸)	(⁸)	-	-	-	33	22	10	1	1	2	18	40
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	¹⁵ 22	¹⁵ 18	¹⁵ 4	¹⁵ 1	¹⁵ 1	¹⁵ 1	¹⁵ 12	¹⁵ 40
Wholesalers.....	529	528	51	567	569	542	53	590	⁵ ¹⁵ 1,705	⁵ ¹⁵ 1,334	⁵ ¹⁵ 371	61	57	86	13	40
Retail stores owned by the same company.																
All other retail stores.....																
Federal Government.....	2	2	...	4	5	-	-	-	60	53	7	2	2	2	6	35
Exports.....	2	2	...	4	4	-	-	-	55	55	(⁶)	2	2	(⁴)	1	100
Other and not specified by class of customer.....	(D)	(D)	2	(¹³)	(¹¹)	58	40	90	115	79	36	4	3	8	20	45
By sales offices, sales branches, and administrative offices, total.....	6	6	...	100	100	-	-	-	777	777	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(⁶)	(⁶)	...	(¹⁴)	(¹⁴)	-	-	-	¹⁵ 104	¹⁵ 104	...	14	14	-	-	-
Wholesalers.....	55	55	...	595	595	-	-	-	⁵ ¹⁵ 616	⁵ ¹⁵ 616	...	79	79	-	-	-
Retail stores owned by the same company.																
All other retail stores.....																
Federal Government.....																
Exports.....																
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	15	15	...	2	2	-	-	-
Pickles and sauces, including mayonnaise and salad dressing ²	653	483	171	100	100	100	-	-	601	542	59	100	100	100	-	-
By manufacturing establishments, total....	190	190	(⁶)	29	39	(⁴)	1	90	105	105	...	17	19	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	2	2	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Separate merchant wholesale establishments of the same company.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	2	2	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	5	5	...	1	1	-	-	-	3	3	...	1	1	-	-	-
Other manufacturing plants of the same company.....	4	3	(⁶)	1	1	(⁴)	8	70	29	18	11	5	3	18	20	80
Other manufacturers.....	¹⁵ 10	¹⁵ 9	¹⁵ 1	¹⁵ 2	¹⁵ 2	¹⁵ 1	¹⁵ 7	¹⁵ 60	17	8	9	3	2	15	30	100
Industrial, construction, institutional, and commercial users; and State and local Governments.....																
Wholesalers.....																
Retail stores owned by the same company.	⁵ ¹⁵ 417	⁵ ¹⁵ 257	⁵ ¹⁵ 160	64	53	94	19	45	⁵ ¹⁵ 416	⁵ ¹⁵ 377	⁵ ¹⁵ 39	⁵ ¹⁵ 69	⁵ ¹⁵ 70	⁵ ¹⁵ 66	⁵ ¹⁵ 3	⁵ ¹⁵ 50
All other retail stores.....	6	5	1	1	1	(⁴)	9	80	5	5	...	1	1	-	-	-
Federal Government.....	6	6	(⁶)	1	1	(⁴)	5	100	3	3	(⁶)	1	1	(⁴)	4	90
Exports.....	14	5	8	2	1	5	45	70	21	21	...	3	4	-	-	-
Other and not specified by class of customer.....	234	234	(⁶)	100	100	100	1	90	152	152	...	100	100	-	-	-
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	19	19	...	8	8	-	-	-	1	1	...	1	1	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	⁵ ¹⁵ 204	⁵ ¹⁵ 204	(5 6 15)	87	87	100	1	90	⁵ ¹⁵ 147	⁵ ¹⁵ 147	...	⁵ ¹⁵ 97	⁵ ¹⁵ 97	-	-	-
Wholesalers.....																
Retail stores owned by the same company.																
All other retail stores.....	4	4	...	2	2	-	-	-	2	2	...	2	2	-	-	-
Federal Government.....	1	1	...	1	1	-	-	-	(D)	(D)	...	(⁸)	(⁸)	-	-	-
Exports.....	5	5	...	2	2	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....																

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-9

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
	FLOUR, EXCEPT BLENDED OR PREPARED, AND MEAL ^{2 3}								PREPARED ANIMAL FEEDS ^{2 3}							
By manufacturing establishments, total....	1,645	1,401	245	100	100	100	-	-	3,076	2,188	889	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	633	632	1	38	45	1	1	60	299	296	2	10	14	(⁴)	1	50
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	25	21	4	1	1	1	19	90
Individuals (household users) and farmers	21	10	11	1	1	4	40	70	731	367	363	24	17	41	9	15
Other manufacturing plants of the same company.....	94	91	3	6	6	1	3	80	27	27	...	1	1	-	-	-
Other manufacturers.....	516	397	118	31	28	48	8	30	130	42	88	4	2	10	20	30
Industrial, construction, institutional, and commercial users; and State and local Governments.....	25	18	6	2	1	2	20	70	48	37	10	2	2	1	10	40
Wholesalers.....	202	140	62	12	10	25	11	30	623	386	237	20	18	27	15	35
Retail stores owned by the same company.	2	2	(⁶)	(⁴)	(⁴)	(⁴)	4	80	174	169	4	6	8	1	2	60
All other retail stores.....	61	35	26	4	2	11	19	35	873	758	115	28	35	13	3	20
Federal Government.....	28	22	6	2	2	2	16	70	...	...	...	-	-	-	-	-
Exports.....	32	31	2	2	2	1	5	80	6	2	4	(⁴)	(⁴)	(⁸)	80	100
Other and not specified by class of customer.....	31	22	9	2	2	4	69	100	142	83	59	5	4	7	17	35
By sales offices, sales branches, and administrative offices, total.....	735	733	1	100	100	100	1	60	317	315	2	100	100	100	1	50
Individuals (household users) and farmers	(⁶)	(⁶)	(⁶)	(⁴)	(⁴)	4	12	80	56	55	(⁶)	18	17	22	1	60
Other manufacturers.....	422	422	(⁶)	57	58	3	1	80	14	14	...	4	4	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	4	4	(⁶)	1	1	12	1	25	20	20	...	6	6	-	-	-
Wholesalers.....	134	134	(⁶)	18	18	2	1	80	103	103	...	32	33	-	-	-
Retail stores owned by the same company.	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	43	42	1	6	6	79	2	60	120	118	2	38	38	78	1	60
Federal Government.....	18	18	...	2	2	-	1	70	...	...	...	-	-	-	-	-
Exports.....	113	113	...	15	15	-	-	-	3	3	...	1	1	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	3	3	...	1	1	-	-	-
	CEREAL BREAKFAST FOODS ²								RICE MILL PRODUCTS ²							
By manufacturing establishments, total....	432	(⁷)	(⁷)	100	100	100	-	-	281	184	97	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	373	(⁷)	...	86	(⁷)	-	-	-	24	24	...	8	13	-	-	-
Separate merchant wholesale establishments of the same company.....	...	(⁷)	(⁷)	(⁴)	(⁷)	(⁷)	50	xxx	...	...	(⁶)	(⁴)	(⁸)	(⁴)	13	60
Individuals (household users) and farmers	(⁶)	(⁷)	(⁷)	(⁴)	(⁷)	(⁷)	-	-	1	1	(⁶)	(⁴)	(⁴)	-	-	-
Other manufacturing plants of the same company.....	...	...	...	-	-	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	14	13	1	5	7	1	5	50
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	(⁷)	...	(⁴)	(⁷)	-	-	-	6	5	1	2	3	1	12	100
Wholesalers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Retail stores owned by the same company.	556	(^{5 7})	(^{5 7})	513	(^{5 7})	(^{5 7})	1	xxx	5114	567	547	540	536	543	512	520
All other retail stores.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Federal Government.....	2	(⁷)	...	(⁴)	(⁷)	-	-	-	86	56	30	30	30	31	20	50
Exports.....	1	(⁷)	...	(⁴)	(⁷)	-	-	-	37	19	18	13	10	19	30	45
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(⁶)	...	(⁶)	(⁴)	-	(⁴)	70	60
By sales offices, sales branches, and administrative offices, total.....	380	(⁷)	...	100	100	-	-	-	(D)	(D)	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	(¹⁰)	(¹⁰)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(⁷)	...	(¹⁶)	(⁷)	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Retail stores owned by the same company.	5363	(^{5 7})	...	596	(^{5 7})	-	-	-	(D)	(D)	...	(^{5 17})	(^{5 17})	-	-	-
All other retail stores.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Federal Government.....	8	(⁷)	...	2	(⁷)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Exports.....	1	(⁷)	...	51	(⁷)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	(¹⁶)	(⁷)	...	(¹⁶)	(⁷)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 20 Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PREPARED FLOUR AND FLOUR MIXES ²																
By manufacturing establishments, total....	466	432	34	100	100	100	-	-	3,579	2,805	775	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	288	287	(⁶)	62	67	1	1	80	264	251	13	7	9	2	4	60
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	36	28	8	1	1	1	18	70
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	266	200	66	7	7	9	8	25
Other manufacturing plants of the same company.....	(D)	(D)	...	(⁹)	(⁹)	-	-	-	98	95	2	3	3	(⁴)	2	80
Other manufacturers.....	88	76	11	19	18	34	13	80	20	10	10	1	(⁴)	1	30	50
Industrial, construction, institutional, and commercial users; and State and local Governments.....	5	5	1	1	1	2	12	90	202,694	202,097	20597	2075	2075	2077	203	2012
Wholesalers.....	567	550	517	514	512	549	523	570	16	11	5	(⁴)	(⁴)	1	25	60
Retail stores owned by the same company.	1	1	...	(⁴)	(⁴)	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	188	183	185	182	181	1815	1860	1880	184	111	74	5	4	10	16	35
Federal Government.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Exports.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and not specified by class of customer.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
By sales offices, sales branches, and administrative offices, total.....	332	331	(⁶)	100	100	100	1	80	288	264	24	100	100	100	5	45
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	33	33	...	11	12	-	-	-
Other manufacturers.....	(D)	(D)	...	(⁸)	(⁸)	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(¹⁹)	(¹⁹)	-	-	-	20247	20223	2024	2086	2085	20100	206	2045
Wholesalers.....	5308	5308	(⁵ 6)	593	593	5100	51	580	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Retail stores owned by the same company.	8	8	...	3	3	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	183	183	...	181	181	-	-	-	6	6	...	2	2	-	-	-
Federal Government.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Exports.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and not specified by class of customer.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
BISCUITS, CRACKERS AND PRETZELS ²																
By manufacturing establishments, total....	937	847	90	100	100	100	-	-	996	996	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	540	540	...	58	64	-	-	-	524	524	...	52	52	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	2	2	(⁶)	(⁴)	(⁴)	(⁴)	6	100	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(⁹)	(⁹)	-	-	-	9	9	...	1	1	-	-	-
Other manufacturers.....	16	15	1	2	2	2	8	100	248	248	...	25	25	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	3	...	(⁴)	(⁴)	-	-	-	2	2	...	(⁴)	(⁴)	-	-	-
Wholesalers.....	5347	5258	588	537	531	598	510	540	154	154	...	15	15	-	-	-
Retail stores owned by the same company.	4	4	(⁶)	1	1	(⁴)	1	90	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	2	2	...	(⁴)	(⁴)	-	-	-	49	49	...	5	5	-	-	-
Federal Government.....	...	...	...	...	...	...	...	...	7	7	...	1	1	-	-	-
Exports.....	6	6	(⁶)	1	1	(⁴)	2	100	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
By sales offices, sales branches, and administrative offices, total.....	602	602	...	100	100	-	-	-	578	578	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁸)	(⁸)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(D)	(D)	...	(⁸)	(⁸)	-	-	-	236	236	...	41	41	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	10	10	...	2	2	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Wholesalers.....	5568	5568	...	594	594	-	-	-	212	212	...	37	37	-	-	-
Retail stores owned by the same company.	11	11	...	2	2	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	116	116	...	20	20	-	-	-
Federal Government.....	...	...	...	...	...	...	...	...	7	7	...	1	1	-	-	-
Exports.....	...	...	...	...	...	...	...	...	4	4	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-11

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
REFINED BEET SUGAR ²																
By manufacturing establishments, total....	380	380	...	100	100	-	-	-	1,782	1,484	298	100	100	100	4	25
Sales offices, sales branches, and administrative offices of the same company..	...	...	...	-	-	-	-	-	467	463	4	26	31	1	1	90
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	11	5	7	1	(⁴)	2	50	100
Individuals (household users) and farmers	11	11	...	3	3	-	-	-	11	2	8	1	(⁴)	3	60	80
Other manufacturing plants of the same company.....	(D)	(D)	...	(¹⁹)	(¹⁹)	-	-	-	16	16	...	1	1	-	-	-
Other manufacturers.....	192	192	...	50	50	-	-	-	125	100	25	7	7	9	12	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2	2	...	1	1	-	-	-	8	2	6	(⁴)	(⁴)	2	60	90
Wholesalers.....	104	104	...	27	27	-	-	-	582	469	113	33	32	38	6	30
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	94	91	4	5	6	1	3	90
All other retail stores.....	41	41	...	11	11	-	-	-	406	293	113	23	20	38	8	30
Federal Government.....	1	1	...	(⁴)	(⁴)	-	-	-	28	14	14	2	1	5	40	90
Exports.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	12	12	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-	22	17	4	1	1	1	17	100
By sales offices, sales branches, and administrative offices, total.....	...	...	...	-	-	-	-	-	615	610	6	100	100	100	1	90
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	7	1	6	1	(⁴)	100	80	90
Other manufacturers.....	...	...	...	-	-	-	-	-	68	68	...	11	11	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	2	2	...	(⁴)	(⁴)	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	189	189	...	31	31	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	21	21	...	3	3	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	317	317	...	52	52	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	7	7	...	1	1	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	1	1	-	-	-
BOTTLED SOFT DRINKS AND CARBONATED WATERS ²																
By manufacturing establishments, total....	1,407	508	898	100	100	100	-	-	1,972	1,925	48	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	31	27	4	2	5	1	13	100	339	339	(⁶)	17	18	(⁴)	1	80
Separate merchant wholesale establishments of the same company.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	14	13	1	1	1	3	9	50
Individuals (household users) and farmers	7	5	2	1	1	(⁴)	25	100	2	2	(⁶)	(⁴)	(⁴)	1	6	30
Other manufacturing plants of the same company.....	1	1	...	(⁴)	(⁴)	-	-	-	7	7	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	(²⁰)	(²⁰)	...	(²⁰)	(²⁰)	-	-	-	10	(D)	(D)	1	(⁸)	(⁴)	1	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	201,076	20381	20696	2077	2075	2077	207	2011	10	10	...	1	1	-	-	-
Wholesalers.....	170	55	115	12	11	13	20	35	1,238	1,205	33	63	63	(¹⁹)	1	25
Retail stores owned by the same company.	(²⁰)	(²⁰)	...	(²⁰)	(²⁰)	-	-	-	17	(D)	(D)	1	(⁸)	(¹⁹)	12	90
All other retail stores.....	(²⁰)	(²⁰)	(²⁰)	(²⁰)	(²⁰)	(²⁰)	xxx	xxx	300	288	11	15	15	24	2	30
Federal Government.....	16	9	7	1	2	1	16	35	3	3	(⁶)	(⁴)	(⁴)	(⁴)	3	90
Exports.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	1831	1831	(⁶ 18)	182	182	(⁴ 18)	1813	1880
Other and not specified by class of customer.....	103	30	72	7	6	8	30	40								
By sales offices, sales branches, and administrative offices, total.....	33	29	4	100	100	100	10	80	477	477	(⁶)	100	100	100	1	80
Individuals (household users) and farmers	1	1	...	(²⁰)	(²⁰)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	(²⁰)	(²⁰)	(²⁰)	(²⁰)	(²⁰)	(²⁰)	xxx	xxx	3	3	...	1	1	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2031	2026	204	2093	2092	20100	10	80	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Wholesalers.....	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-	250	250	...	52	52	-	-	-
Retail stores owned by the same company.	(²⁰)	(²⁰)	...	(²⁰)	(²⁰)	-	-	-	...	...	(⁶)	-	-	-	-	-
All other retail stores.....	(²⁰)	(²⁰)	(²⁰)	(²⁰)	(²⁰)	(²⁰)	-	-	218	218	(⁶)	46	46	100	1	80
Federal Government.....	(⁶)	(⁶)	...	1	1	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁸ 18)	(⁸ 18)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-								

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
	MALT ²								LIQUORS (EXCEPT BRANDY) AND DISTILLERS GRAINS ²							
By manufacturing establishments, total....	185	134	51	100	100	100	-	-	r ²³ 876	r ²³ 847	2 ³²⁹	2 ³¹⁰⁰	2 ³¹⁰⁰	2 ³¹⁰⁰	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(¹³)	(¹⁰)	-	-	-	r ⁶²⁴	r ⁶²⁴	...	r ⁷¹	74	-	-	-
Separate merchant wholesale establishments of the same company.....	(⁶)	(⁶)	(⁶)	(⁴)	(⁴)	(⁴)	-	-	17	17	...	(²²)	(²²)	-	-	-
Individuals (household users) and farmers	(⁶)	(⁶)	(⁶)	(⁴)	(⁴)	(⁴)	2	90	(D)	(D)	...	(²²)	(²²)	-	-	-
Other manufacturing plants of the same company.....	18	18	...	10	13	-	-	-	27	27	...	3	3	-	-	-
Other manufacturers.....	124	95	29	67	71	57	12	60	28	12	16	3	1	54	r ⁶⁰	100
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
Wholesalers.....	6	3	4	3	2	8	35	70	r ²⁰ 149	r ²⁰ 136	r ²⁰ 13	2 ⁰¹⁷	2 ⁰¹⁶	2 ⁰⁴⁶	r ²⁰ 5	r ²⁰ 60
Retail stores owned by the same company.	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	(⁴)	(⁴)	-	-	-
Federal Government.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	(⁴)	(⁴)	-	-	-
Exports.....	(D)	(D)	(⁶)	(⁸)	(⁸)	(⁴)	4	90	2	2	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	20	2	18	11	1	35	60	80	(²²)	(²²)	...	(²²)	(²²)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	100	100	-	-	-	242,110	242,110	...	24100	24100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(²¹)	(²¹)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	(D)	(D)	...	(²¹)	(²¹)	-	-	-	5	5	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(⁶)	(⁶)	...	(⁸)	(⁸)	-	-	-	...	...	...	...	...	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	r ²⁰ 090	r ²⁰ 090	...	2 ⁰⁹⁹	2 ⁰⁹⁹	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Exports.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	10	10	...	r ⁽⁴⁾	r ⁽⁴⁾	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
	SHORTENING AND SALAD OILS ²								MARGARINE ²							
By manufacturing establishments, total....	895	856	39	100	100	100	-	-	296	267	29	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	449	449	(⁶)	50	52	(⁸)	1	80	136	136	(⁶)	46	51	(⁴)	1	90
Separate merchant wholesale establishments of the same company.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Other manufacturing plants of the same company.....	79	79	...	9	9	-	-	-	2	2	...	1	1	-	-	-
Other manufacturers.....	139	128	12	16	15	30	3	70	1	1	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	15	15	(⁶)	2	2	(⁴)	1	80	2	2	...	1	1	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Retail stores owned by the same company.	5166	5139	527	518	516	569	55	560	5153	5124	529	552	546	599	520	590
All other retail stores.....	5	5	...	1	1	-	-	-	2	2	...	1	1	-	-	-
Federal Government.....	34	34	...	4	4	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Exports.....	7	7	...	1	1	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
By sales offices, sales branches, and administrative offices, total.....	502	502	(⁶)	100	100	100	1	80	143	143	(⁶)	100	100	100	1	90
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	(⁶)	(⁴)	(⁴)	100	60	90
Other manufacturers.....	134	134	...	27	27	-	-	-	(D)	(D)	...	(¹⁹)	(¹⁹)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	52	52	(⁶)	10	10	21	1	80	2	2	...	1	1	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Retail stores owned by the same company.	5302	5302	(⁵ ⁶)	560	560	(⁵ ²⁵)	51	580	5136	5136	...	595	596	-	-	-
All other retail stores.....	(D)	(D)	(⁶)	(⁴)	(⁴)	(¹⁹)	1	70	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Federal Government.....	(D)	(D)	...	(¹⁹)	(¹⁹)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
CORN WET-MILLING PRODUCTS ²																
By manufacturing establishments, total....	494	494	...	100	100	-	-	-	537	417	119	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	339	339	...	68	68	-	-	-	36	35	(⁶)	7	8	(⁴)	1	90
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	1	1	(⁶)	(⁴)	(⁴)	(⁴)	11	80
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(⁶)	(⁶)	(⁶)	(⁴)	(⁴)	(⁴)	90	100
Other manufacturing plants of the same company.....	11	11	...	2	2	-	-	-	24	24	...	4	6	-	-	-
Other manufacturers.....	26115	26115	...	2623	2623	-	-	-	247	212	35	46	51	29	5	30
Industrial, construction, institutional, and commercial users; and State and local Governments.....	22	22	...	4	4	-	-	-	15	6	9	3	1	8	30	50
Wholesalers.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	5166	5129	537	531	531	531	56	525
Retail stores owned by the same company.	1	1	...	(⁴)	(⁴)	-	-	-	4	3	(⁶)	1	1	(⁴)	5	70
All other retail stores.....	1	1	...	(⁴)	(⁴)	-	-	-	6	4	1	1	1	1	13	50
Federal Government.....	9	9	...	2	2	-	-	-	41	4	36	8	1	30	80	100
Exports.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	39	38	(⁶)	100	100	100	1	90
Other and not specified by class of customer.....	357	357	...	100	100	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	9	9	(⁶)	23	23	100	4	90
Individuals (household users) and farmers	26263	26263	...	2674	2674	-	-	-	1	1	...	3	3	-	-	-
Other manufacturers.....	59	59	...	17	17	-	-	-	520	520	...	552	552	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
Wholesalers.....	(D)	(D)	...	(¹³)	(¹³)	-	-	-	1	1	...	2	2	-	-	-
Retail stores owned by the same company.	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	6	6	...	16	16	-	-	-
All other retail stores.....	5	5	...	1	1	-	-	-	(D)	(D)	...	(¹⁹)	(¹⁹)	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
Exports.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
MACARONI AND NOODLES ²																
By manufacturing establishments, total....	165	110	55	100	100	100	-	-	1,768	1,492	277	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	3	3	...	2	3	-	-	-	689	675	13	39	45	5	1	90
Separate merchant wholesale establishments of the same company.....	(⁶)	(⁶)	(⁶)	(⁴)	(⁴)	(⁴)	100	100	14	8	6	1	1	2	6	80
Individuals (household users) and farmers	(⁶)	(⁶)	(⁶)	(⁴)	(⁴)	(⁴)	100	100	1	...	1	(⁴)	-	(⁴)	14	70
Other manufacturing plants of the same company.....	(D)	(D)	...	(⁴)	(⁸)	-	-	-	(D)	(D)	...	(²⁹)	(²⁹)	-	-	-
Other manufacturers.....	3	2	2	2	1	3	80	80	9	9	...	1	1	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2	(⁶)	1	1	(⁴)	2	90	60	50	50	...	3	3	-	-	-
Wholesalers.....	5150	5101	549	591	591	589	525	535	5929	5697	5232	552	547	578	52	540
Retail stores owned by the same company.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All other retail stores.....	277	274	273	274	274	275	2740	2750	33	33	...	2	2	-	-	-
Federal Government.....	...	...	...	...	...	...	...	...	2	2	...	(⁴)	(⁴)	-	-	-
Exports.....	...	...	...	...	...	...	...	...	(²⁹)	(²⁹)	24	(²⁹)	(²⁹)	6	14	90
Other and not specified by class of customer.....	4	4	...	100	100	-	-	-	702	669	13	100	100	100	1	90
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	(²⁸)	(²⁸)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	(⁶)	(⁶)	...	(⁸)	(⁸)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wholesalers.....	53	53	...	577	577	-	-	-	5666	5666	...	555	557	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(⁴)	(⁴)	-	-	-	12	12	...	(⁸)	(⁸)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	...	...	...	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
Exports.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	15	1	13	2	(⁴)	100	16	90

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C
OTHER FOOD PREPARATIONS, INCLUDING MINCEMEAT ²								
By manufacturing establishments, total.....	1,843	1,409	434	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company.....	599	594	5	32	42	1	1	70
Separate merchant wholesale establishments of the same company.....	13	12	1	1	1	(⁴)	5	70
Individuals (household users) and farmers.....	6	2	4	(⁴)	(⁴)	1	30	40
Other manufacturing plants of the same company.....	7	7	...	(⁴)	1	-	-	-
Other manufacturers.....	84	66	18	4	5	4	10	40
Industrial, construction, institutional, and commercial users; and State and local Governments	68	24	44	4	2	10	17	25
Wholesalers.....	5997	5663	5334	554	547	577	540	511
Retail stores owned by the same company.....								
All other retail stores.....								
Federal Government.....								
Exports.....								
Other and not specified by class of customer.....	47	27	20	2	2	5	16	35
By sales offices, sales branches, and administrative offices, total.....	681	677	5	100	100	100	1	70
Individuals (household users) and farmers.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	80	80	...	12	12	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments	41	41	(⁶)	6	6	(⁴)	1	80
Wholesalers.....	5549	5544	55	581	580	5100	563	570
Retail stores owned by the same company.....								
All other retail stores.....								
Federal Government.....								
Exports.....								
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY ³									
	Fresh meats and lard	Hides, skins, and pelts	Cured meats and sausage	Canned meats, except dog and cat food	Sausage casings, natural and synthetic	Percent of total for columns—				
	A	B	C	D	E	A	B	C	D	E
By manufacturing establishments, total.....	5,032	106	2,121	526	90	100	100	100	100	100
Sales offices, sales branches, and administrative offices of the same company.....	1,051	1	213	149	37	21	1	10	28	41
Separate merchant wholesale establishments of the same company.....	15	...	(D)	2	(D)	(⁴)	-	(⁴)	(⁴)	(⁸)
Individuals (household users) and farmers.....	5	...	(D)	(D)	...	(⁴)	-	(⁴)	(⁴)	-
Other manufacturing plants of the same company.....	235	26	82	96	5	5	24	4	18	6
Other manufacturers.....	228	54	7	4	27	4	51	(⁴)	1	30
Industrial, construction, institutional, and commercial users; and State and local Governments.....	150	1	23	8	(⁶)	3	1	1	2	(⁴)
Wholesalers.....	53,158	520	51,732	5237	510	563	519	582	545	511
Retail stores owned by the same company.....										
All other retail stores.....										
Federal Government.....										
Exports.....										
Other and not specified by class of customer.....	20	(D)	17	14	(D)	(⁴)	(⁴)	1	3	(⁴)
By sales offices, sales branches, and administrative offices, total.....	1,262	1	374	152	38	100	100	100	100	100
Individuals (household users) and farmers.....	(D)	...	(D)	(D)	...	(⁴)	-	(⁴)	(⁴)	-
Other manufacturers.....	(D)	...	(D)	...	35	(¹⁹)	-	(⁸)	-	93
Industrial, construction, institutional, and commercial users; and State and local Governments.....	123	...	11	2	...	10	-	3	2	-
Wholesalers.....	5999	51	5345	5141	51	579	5100	592	593	52
Retail stores owned by the same company.....										
All other retail stores.....										
Federal Government.....										
Exports.....										
Other and not specified by class of customer.....	(D)	...	...	(D)	...	(¹²)	-	-	(¹⁴)	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 20 - Food and Kindred Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY ³ --Continued									
	Bulk fluid milk and cream	Bottled fluid milk and cream	Percent of total for columns—		Wheat flour except blended or prepared	Percent of total for columns—	Prepared animal feeds, excluding dog and cat food	Dog and cat food	Percent of total for columns—	
	F	G	F	G	H	H	I	J	I	J
By manufacturing establishments, total.....	422	2,110	100	100	1,072	100	1,764	242	100	100
Sales offices, sales branches, and administrative offices of the same company.....	54	304	13	14	560	52	182	114	10	47
Separate merchant wholesale establishments of the same company.....	(D)	(D)	(14)	(19)	...	-	20	(6)	1	(4)
Individuals (household users) and farmers.....	6	537	1	25	(D)	(4)	313	1	18	(4)
Other manufacturing plants of the same company.....	86	18	20	1	62	6	...	27	-	11
Other manufacturers.....	126	8	30	(4)	270	25	36	(6)	2	(4)
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6	58	1	3	3	(4)	37	(6)	2	(4)
Wholesalers.....	593	5997	522	547	106	10	286	43	16	18
Retail stores owned by the same company.....					(D)	(4)	168	2	9	1
All other retail stores.....					22	2	655	39	37	16
Federal Government.....					17	2	...	...	-	-
Exports.....					22	2	2	...	(4)	-
Other and not specified by class of customer.....	32	96	7	5	10	1	65	16	4	7
By sales offices, sales branches, and administrative offices, total.....	89	399	100	100	604	100	188	127	100	100
Individuals (household users) and farmers.....	(D)	(D)	(9)	(28)	(D)	(4)	55	(6)	29	(4)
Other manufacturers.....	75	21	83	5	318	53	14	(6)	7	(4)
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2	28	2	7	(D)	(4)	18	2	9	1
Wholesalers.....	56	5221	57	555	122	20	26	77	14	61
Retail stores owned by the same company.....					(D)	(4 5)	(6)	...	(4)	-
All other retail stores.....					(D)	(10)	71	47	38	37
Federal Government.....					18	3	...	...	-	-
Exports.....					110	18	3	(6)	2	(4)
Other and not specified by class of customer.....	(D)	(D)	(9)	(8)	...	-	2	1	1	1

D Withheld to avoid disclosure of figures for individual companies. [†]Revised.

S Withheld because the estimates did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard errors shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete census totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
FOOD AND KINDRED PRODUCTS	
Fresh meats and lard.....	20111-20115 and 20117
Hides, skins, and pelts.....	20116
Cured meats and sausage.....	20131, 20132, and 20134
Canned meats, except dog and cat food.....	20133
Sausage casings, natural and synthetic.....	20140
Poultry and small game.....	20151-20154
Creamery butter and natural cheese.....	20210 and 20220
Concentrated dry or canned milk.....	20231-20234
Ice cream and ices.....	20240
Special dairy products (processed cheese, cheese spread, malted milk powder, etc.).....	20251 and 20252
Bulk fluid milk and cream.....	20271
Bottled fluid milk and cream.....	20272
Canned fish and other seafoods, except dog and cat food.....	20310
Cured fish and other seafoods.....	20320
Canned fruits and vegetables.....	20331-20338
Pickles and sauces, including mayonnaise and salad dressing.....	20351-20355
Frozen fruits and vegetables.....	20371 and 20372
Wheat flour, except blended or prepared.....	20411
Other flour and meal.....	20412, 20413, and 20414
Prepared animal feeds, excluding dog and cat food.....	20421, 20422, and 20424

Footnotes continued on next page.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

FOOTNOTES FOR MAJOR GROUP 20

Product group title	Product classes included in the group
FOOD AND KINDRED PRODUCTS--Continued	
Dog and cat food.....	20423
Cereal breakfast foods.....	20430
Rice mill products.....	20440
Prepared flour and flour mixes.....	20450
Bread and related products.....	20511-20517
Biscuits, crackers, and pretzels.....	20520
Refined cane sugar.....	20621 and 20622
Refined beet sugar.....	20631 and 20632
Confectionery, chewing gum, and chocolate products.....	20711-20730
Bottled soft drinks and carbonated waters.....	20810
Beer and ale.....	20821 and 20822
Malt.....	20831 and 20832
Liquors (except brandy) and distillers' grains.....	20851-20853
Shortening and salad oils.....	20920
Margarine.....	20930
Corn wet-milling products.....	20941-20945
Flavorings.....	20951-20954
Macaroni and noodles.....	20980
Roasted coffee.....	20995
Other food preparations, including mincemeat.....	20911, 20912, 20991-20994, 20996, and 20997

³The end of the table shows the following breakdowns for selected large companies: Meat packing plant products, prepared meats, and sausage casings into (a) fresh meats and lard, (b) hides, skins and pelts, (c) cured meats and sausage, (d) canned meats, except dog and cat food, and (e) sausage casings, natural and synthetic; Fluid milk and cream into (a) bulk fluid milk and cream and (b) bottled fluid milk and cream; Prepared animal feeds into (a) prepared animal feeds, excluding cat and dog food, and (b) dog and cat food. The sum of this separate information may be less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report this breakdown but only the total. In the case of Flour except blended or prepared, and meal, separate data for large companies cannot be shown for meal.

⁴Less than 1 percent.

⁵Shipments and sales to wholesalers and retailers have been combined because an undetermined amount was reported in the wholesale category which properly belonged in the retail categories.

⁶Less than \$1 million.

⁷Withheld because the estimates were not considered to be reliable.

⁸Approximately 1 percent.

⁹Approximately 2 percent.

¹⁰Approximately 11 percent.

¹¹Approximately 5 percent.

¹²Approximately 6 percent.

¹³Approximately 8 percent.

¹⁴Approximately 4 percent.

¹⁵An undetermined number of companies reported shipments and sales to restaurant and institutional trades through brokers as sales to wholesalers and retailers.

¹⁶The combined total of these customer classes amounted to \$8 million, of which the category "Industrial, construction, institutional and commercial users, and State and local Governments" comprised approximately 90 percent.

¹⁷Approximately 90 percent.

¹⁸Export figures have been combined with the category "Other and not specified by class of customer" because the estimates were considered to be unreliable.

¹⁹Approximately 3 percent.

²⁰These categories have been combined because the estimates were considered to be unreliable.

²¹Greater than 90 percent.

²²The combined total of these customer classes amounted to \$28 million, of which the category "Individuals and farmers" comprised approximately 10 percent.

²³Excludes excise taxes. Includes resales reported by some companies and therefore the total of \$876 million differs from the 1958 total of \$797 million shown for this product group (code 2085-) in 1958 Census of Manufactures, Volume II, Industry Statistics, Part 1, Table 6A on page 20G-14.

²⁴Includes excise taxes.

²⁵Approximately 75 percent.

²⁶"Other manufacturers" has been combined with "Industrial, construction, institutional and commercial users and State and local Governments" because the estimates were considered to be unreliable.

²⁷Because the estimates were considered to be unreliable, the categories "Federal government" and "Export" have been combined with "Other and not specified by class of customer."

²⁸Approximately 25 percent.

²⁹The combined total of these customer classes amounted to \$42 million in column A and \$18 million in column B of which the category "Other manufacturing plants of the same company" comprised approximately 25 percent and 60 percent, respectively.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 21 - Tobacco Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
CIGARETTES ²																
By manufacturing establishments, total ³ ...	2,137	2,129	8	100	100	100	-	-	351	343	8	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,066	1,066	...	50	50	-	-	-	136	136	...	39	40	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁸)	(⁸)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(⁹)	(⁹)	...	(⁹)	(⁴)	2	100	60
Other manufacturing plants of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-
Wholesalers.....	891	891	...	42	42	-	-	-	190	183	8	54	53	94	6	60
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	(D)	(D)	8	(⁵)	(⁵)	100	1	100	9	9	(⁹)	2	3	(⁵)	4	50
Federal Government.....	39	39	...	2	2	-	-	-	3	3	...	1	1	-	-	-
Exports ⁶	53	53	...	2	2	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	8	8	...	2	2	-	-	-
By sales offices, sales branches, and administrative offices, total ⁷	2,013	2,013	...	100	100	-	-	-	156	156	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	1,866	1,866	...	93	93	-	-	-	103	103	...	66	66	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(⁸)	(⁸)	-	-	-	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	51	51	...	33	33	-	-	-
Federal Government.....	48	48	...	2	2	-	-	-	2	2	...	1	1	-	-	-
Exports ⁶	71	71	...	3	3	-	-	-	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
CHEWING AND SMOKING TOBACCO AND SNUFF ²																
By manufacturing establishments, total ³ ...	193	189	4	100	100	100	-	-	1,168	1,168	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	82	82	...	43	44	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-	888	888	...	76	76	-	-	-
Other manufacturers.....	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-	163	163	...	14	14	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(⁹)	(⁹)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Wholesalers.....	82	82	...	42	43	-	-	-	10	10	...	1	1	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	4	4	...	2	2	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	1	1	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Exports ⁶	6	6	...	3	3	-	-	-	93	93	...	8	8	-	-	-
Other and not specified by class of customer.....	4	...	4	2	-	100	(¹²)	100	12	12	...	1	1	-	-	-
By sales offices, sales branches, and administrative offices, total ⁷	89	89	...	100	100	-	-	-	(D)	(D)	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	(¹⁴)	(¹⁴)	-	-	-
Wholesalers.....	79	79	...	88	88	-	-	-	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-
Retail stores owned by the same company.	...	...	...	(¹³)	(¹³)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(D)	(D)	...	1	1	-	-	-	(D)	(D)	...	(¹⁵)	(¹⁵)	-	-	-
Exports ⁶	1	1	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 21

D Withheld to avoid disclosure of figures for individual companies.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard error shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete census totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
<u>TOBACCO PRODUCTS</u>	
Cigarettes.....	21110
Cigars.....	21210
Chewing and smoking tobacco and snuff.....	21310
Stemmed and redried tobacco.....	21411 and 21412

³Excludes excise taxes.

⁴Less than 1 percent.

⁵Approximately 4 percent.

⁶Includes tax-free withdrawals for shipment to United States overseas installations.

⁷Includes excise taxes in the case of cigarettes, cigars, chewing and smoking tobacco, and snuff.

⁸Approximately 1 percent.

⁹Less than \$1 million.

¹⁰Approximately 5 percent.

¹¹Approximately 2 percent.

¹²Greater than 100 percent.

¹³Approximately 11 percent.

¹⁴Approximately 8 percent.

¹⁵Approximately 90 percent.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 22 - Textile Mill Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
YARNS SPUN ON WOOLEN AND WORSTED SYSTEMS ²									COTTON AND SILK SYSTEM YARNS ^{2 8}							
By manufacturing establishments, total....	375	298	77	100	100	100	-	-	1,114	1,012	(S)	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	33	33	...	9	11	-	-	-	81	81	...	7	8	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(3)	(3)	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Individuals (household users) and farmers	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	81	81	...	21	27	-	-	-	345	345	...	31	34	-	-	-
Other manufacturers.....	203	129	75	54	43	96	45	80	592	489	(S)	53	48	100	1	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(5)	(5)	-	-	-	8	8	...	1	1	-	-	-
Wholesalers.....	14	13	1	4	4	1	6	100	46	46	...	4	5	-	-	-
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	9	7	2	2	2	2	30	100	4	4	...	(5)	(5)	-	-	-
Federal Government.....	(4)	(4)	...	(5)	(5)	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Exports.....	(4)	(4)	(4)	(5)	(5)	(5)	(6)	90	9	9	...	1	1	-	-	-
Other and not specified by class of customer.....	29	29	...	8	10	-	-	-	23	23	...	2	2	-	-	-
By sales offices, sales branches, and administrative offices, total.....	33	33	...	100	100	-	-	-	83	83	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	32	32	...	97	97	-	-	-	80	80	...	97	97	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Wholesalers.....	(D)	(D)	...	(5)	(5)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(7)	(7)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	2	2	...	3	3	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
COTTON BROAD-WOVEN GRAY GOODS ^{2 9}									MAN-MADE FIBER BROAD-WOVEN GRAY GOODS ^{2 9}							
By manufacturing establishments, total....	1,973	1,920	54	100	100	100	-	-	991	858	¹⁰ 133	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	353	353	...	18	18	-	-	-	214	214	...	22	25	-	-	-
Separate merchant wholesale establishments of the same company.....	156	156	...	8	8	-	-	-	96	96	...	10	11	-	-	-
Individuals (household users) and farmers	4	3	1	(5)	(5)	1	17	100	(4)	(4)	(4)	(5)	(5)	(5)	xxx	xxx
Other manufacturing plants of the same company.....	427	427	...	22	22	-	-	-	142	142	...	14	17	-	-	-
Other manufacturers.....	486	469	17	25	24	31	3	80	184	138	46	19	16	34	xxx	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	12	12	...	1	1	-	-	-	2	2	1	(5)	(5)	1	xxx	xxx
Wholesalers.....	409	390	19	21	20	35	4	100	289	217	71	29	25	54	xxx	xxx
Retail stores owned by the same company..	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	26	18	7	1	1	14	30	100	45	34	11	4	4	8	xxx	xxx
Federal Government.....	11	2	9	1	(5)	17	80	100	1	(4)	(4)	(5)	(5)	(5)	xxx	xxx
Exports.....	3	3	...	(5)	(5)	-	-	-	2	1	(4)	(5)	(5)	(5)	xxx	xxx
Other and not specified by class of customer.....	87	86	1	4	4	2	2	90	17	13	4	2	2	3	xxx	xxx
By sales offices, sales branches, and administrative offices, total.....	376	376	...	100	100	-	-	-	¹¹ 243	¹¹ 243	...	100	100	-	-	-
Individuals (household users) and farmers	(4)	(4)	...	(5)	(5)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Other manufacturers.....	212	212	...	56	56	-	-	-	72	72	...	30	30	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	12	12	...	3	3	-	-	-	5	5	...	2	2	-	-	-
Wholesalers.....	140	140	...	37	37	-	-	-	159	159	...	65	65	-	-	-
Retail stores owned by the same company..	(D)	(D)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	7	7	...	2	2	-	-	-	6	6	...	3	3	-	-	-
Federal Government.....	(D)	(D)	...	(5)	(5)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Exports.....	(D)	(D)	...	(5)	(5)	-	-	-	1	1	...	(5)	(5)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(5)	(5)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 22 - Textile Mill Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
	NARROW FABRICS ²								FINISHED FULL-FASHIONED AND SEAMLESS HOSIERY ²							
By manufacturing establishments, total....	270	175	96	100	100	100	-	-	732	566	166	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	31	31	...	12	18	-	-	-	86	86	...	12	15	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Individuals (household users) and farmers	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-	1	(⁴)	1	(⁵)	(⁵)	1	2	2
Other manufacturing plants of the same company.....	14	14	...	5	8	-	-	-	4	4	...	(⁵)	1	-	-	-
Other manufacturers.....	126	78	48	47	45	51	25	50	2	2	...	(⁵)	(⁵)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	2	1	1	1	1	40	80	1	1	...	(⁵)	(⁵)	-	-	-
Wholesalers.....	73	30	43	27	17	45	25	35	243	168	75	33	30	45	1	1
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-
All other retail stores.....	7	7	(⁴)	3	4	(⁵)	6	70	359	270	90	49	48	54	1	1
Federal Government.....	2	1	1	1	1	1	40	60	3	3	...	(⁵)	1	-	-	-
Exports.....	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-	2	1	(⁴)	(⁵)	(⁵)	(⁵)	1	3
Other and not specified by class of customer.....	13	11	1	5	6	1	11	90	31	31	(⁴)	4	5	(⁵)	1	3
By sales offices, sales branches, and administrative offices, total.....	32	32	...	100	100	-	-	-	89	89	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-
Other manufacturers.....	17	17	...	54	54	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	3	...	8	8	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	7	7	...	23	23	-	-	-	15	15	...	17	17	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
All other retail stores.....	3	3	...	8	8	-	-	-	72	72	...	81	81	-	-	-
Federal Government.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-
Exports.....	(⁴)	(⁴)	...	1	1	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹²)	(¹²)	-	-	-	...	...	...	-	-	-	-	-
	FULL-FASHIONED AND SEAMLESS HOSIERY SHIPPED IN THE GREIGE ²								KNIT FABRICS ²							
By manufacturing establishments, total....	161	87	73	100	100	100	-	-	462	261	201	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-	54	39	14	12	15	7	11	65
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹³)	(¹⁴)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other manufacturing plants of the same company.....	74	74	...	46	85	-	-	-	29	29	...	6	11	-	-	-
Other manufacturers.....	86	13	73	53	14	100	1	1	181	152	29	39	58	14	8	76
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	143	4	139	31	2	69	40	60
Retail stores owned by the same company.	1	1	...	(⁵)	(⁵)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	11	(¹⁵)	(¹⁵)	2	xxx	xxx	xxx	xxx
Federal Government.....	...	...	...	-	-	-	-	-	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	28	17	10	6	6	5	20	80
By sales offices, sales branches, and administrative offices, total.....	(⁴)	(⁴)	...	100	100	-	-	-	55	41	14	100	100	100	12	60
Individuals (household users) and farmers	(⁴)	(⁴)	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	100	100	-	-	-	52	38	14	94	92	100	13	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	3	3	...	5	7	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(⁴)	(⁴)	...	1	1	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 22 - Textile Mill Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
FINISHED BROAD-WOVEN FABRICS, YARNS, ETC., EXCEPT WOOL ²									WOOL CARPET AND RUGS ²							
By manufacturing establishments, total....	918	888	29	100	100	100	-	-	362	343	19	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	16394	16394	...	43	44	-	-	-	114	114	...	32	33	-	-	-
Separate merchant wholesale establishments of the same company.....	20	20	...	2	2	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Individuals (household users) and farmers	(4)	(4)	...	(5)	(5)	-	-	-	(D)	(D)	(4)	(13)	(13)	(5)	1	60
Other manufacturing plants of the same company.....	74	74	...	8	8	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Other manufacturers.....	273	271	3	30	30	10	1	90	9	9	...	2	3	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	16	16	...	2	2	-	-	-	(4)	(4)	(4)	(5)	(5)	(5)	2	60
Wholesalers.....	92	66	26	10	7	90	10	60	118	100	18	33	29	99	9	80
Retail stores owned by the same company.	(4)	(4)	...	(5)	(5)	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	7	7	...	1	1	-	-	-	93	93	(4)	26	27	(5)	1	70
Federal Government.....	3	3	(4)	(5)	(5)	(5)	1	90	2	2	...	1	1	-	-	-
Exports.....	10	10	...	1	1	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Other and not specified by class of customer.....	28	28	...	3	3	-	-	-	1	1	...	(5)	(5)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	16620	16620	...	100	100	-	-	-	115	115	...	100	100	-	-	-
Individuals (household users) and farmers	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	449	449	...	72	72	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	26	26	...	4	4	-	-	-	(D)	(D)	...	(17)	(17)	-	-	-
Wholesalers.....	69	69	...	11	11	-	-	-	37	37	...	32	32	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(3)	(3)	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	33	33	...	5	5	-	-	-	75	75	...	65	65	-	-	-
Federal Government.....	7	7	...	1	1	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Exports.....	18	18	...	3	3	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(17)	(17)	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
CARPETS AND RUGS, EXCEPT WOOL ²									HARD SURFACE FLOOR COVERING ²							
By manufacturing establishments, total....	305	231	74	100	100	100	-	-	154	154	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	57	57	...	19	24	-	-	-	83	83	...	54	54	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(3)	(3)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Individuals (household users) and farmers	(4)	(4)	(4)	(5)	(5)	(5)	60	70	(4)	(4)	...	(5)	(5)	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(3)	(3)	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Other manufacturers.....	(D)	(D)	(4)	(7)	(7)	1	7	90	9	9	...	6	6	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(S)	(4)	2	(S)	(5)	2	-	90	(D)	(D)	...	(3)	(3)	-	-	-
Wholesalers.....	87	67	20	28	29	26	16	40	44	44	...	29	29	-	-	-
Retail stores owned by the same company.	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	139	89	50	46	39	68	25	50	9	9	...	6	6	-	-	-
Federal Government.....	(D)	(D)	...	(5)	(5)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Exports.....	(4)	(4)	(4)	(5)	(5)	(5)	16	90	3	3	...	2	2	-	-	-
Other and not specified by class of customer.....	5	3	2	2	1	3	40	70	(D)	(D)	...	(3)	(3)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	61	61	...	100	100	-	-	-	84	84	...	100	100	-	-	-
Individuals (household users) and farmers	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(17)	(17)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Wholesalers.....	18	18	...	29	29	-	-	-	80	80	...	95	95	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	41	41	...	68	68	-	-	-	3	3	...	4	4	-	-	-
Federal Government.....	(D)	(D)	...	(3)	(3)	-	-	-	(4)	(4)	...	1	1	-	-	-
Exports.....	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 22 - Textile Mill Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
FELT GOODS, EXCEPT WOVEN FELTS AND HATS ²																
By manufacturing establishments, total....	94	85	10	100	100	100	-	-	245	202	43	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	24	24	...	25	28	-	-	-	32	32	...	13	16	-	-	-
Separate merchant wholesale establishments of the same company.....	(4)	...	(4)	(5)	-	(5)	25	50	(D)	(D)	...	(5)	(5)	-	16	90
Individuals (household users) and farmers	(4)	...	(4)	(5)	...	(5)	25	50	(D)	(D)	...	(5)	(5)	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(17)	(17)	-	-	-	21	21	...	8	10	-	-	-
Other manufacturers.....	19	11	9	20	12	91	20	100	56	56	...	23	28	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2	2	(4)	2	2	(5)	1	70	3	3	...	1	1	-	-	-
Wholesalers.....	35	34	1	37	40	9	1	70	60	60	...	25	30	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	7	7	(4)	7	8	(5)	1	80	(D)	(D)	...	(7)	(13)	-	-	-
Federal Government.....	(4)	(4)	...	(5)	(5)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Exports.....	(4)	(4)	...	(5)	(5)	-	-	-	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(18)	(18)	-	-	-	62	18	43	25	9	100	2	100
By sales offices, sales branches, and administrative offices, total.....	24	24	...	100	100	-	-	-	33	33	...	100	100	-	-	-
Individuals (household users) and farmers	(4)	(4)	...	(5)	(5)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Other manufacturers.....	15	15	...	63	63	-	-	-	21	21	...	62	62	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	1	...	4	4	-	-	-	2	2	...	6	6	-	-	-
Wholesalers.....	8	8	...	32	32	-	-	-	3	3	...	9	9	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(4)	(4)	...	1	1	-	-	-	6	6	...	19	19	-	-	-
Federal Government.....	(4)	(4)	...	(5)	(5)	-	-	-	(4)	(4)	...	(17)	(17)	-	-	-
Exports.....	(4)	(4)	...	(5)	(5)	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
CORDAGE, ROPE, AND TWINE ²																
By manufacturing establishments, total....	132	107	25	100	100	100	-	-	2,113	1,661	451	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	37	37	...	28	34	-	-	-	292	292	...	14	18	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(5)	(5)	-	-	-	(D)	(D)	...	(13)	(18)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(3)	(17)	-	-	-	11	11	(4)	1	1	(5)	2	70
Other manufacturing plants of the same company.....	3	3	...	3	3	-	-	-	217	217	...	10	13	-	-	-
Other manufacturers.....	7	7	...	5	6	-	-	-	640	354	287	30	21	63	25	40
Industrial, construction, institutional, and commercial users; and State and local Governments.....	8	7	1	6	7	3	10	100	41	37	4	2	2	1	14	100
Wholesalers.....	46	30	16	35	28	64	35	80	318	238	81	15	14	18	13	40
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	9	1	8	7	1	31	90	80	337	277	60	16	17	13	5	18
Federal Government.....	2	2	(4)	2	2	1	8	100	7	7	(4)	(5)	(5)	(5)	2	80
Exports.....	(4)	(4)	...	(5)	(5)	-	-	-	2	2	(4)	(5)	(5)	(5)	1	60
Other and not specified by class of customer.....	18	17	(4)	13	16	2	3	100	154	135	19	7	8	4	8	40
By sales offices, sales branches, and administrative offices, total.....	43	43	...	100	100	-	-	-	302	302	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Other manufacturers.....	5	5	...	11	11	-	-	-	198	198	...	65	65	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	3	...	7	7	-	-	-	(D)	(D)	...	(12)	(12)	-	-	-
Wholesalers.....	25	25	...	59	59	-	-	-	20	20	...	7	7	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(19)	(19)	-	-	-	47	47	...	16	16	-	-	-
Federal Government.....	2	2	...	(17)	(17)	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Exports.....	(D)	(D)	...	(17)	(17)	-	-	-	7	7	...	2	2	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
OTHER TEXTILE PRODUCTS ²																
By manufacturing establishments, total....	132	107	25	100	100	100	-	-	2,113	1,661	451	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	37	37	...	28	34	-	-	-	292	292	...	14	18	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(5)	(5)	-	-	-	(D)	(D)	...	(13)	(18)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(3)	(17)	-	-	-	11	11	(4)	1	1	(5)	2	70
Other manufacturing plants of the same company.....	3	3	...	3	3	-	-	-	217	217	...	10	13	-	-	-
Other manufacturers.....	7	7	...	5	6	-	-	-	640	354	287	30	21	63	25	40
Industrial, construction, institutional, and commercial users; and State and local Governments.....	8	7	1	6	7	3	10	100	41	37	4	2	2	1	14	100
Wholesalers.....	46	30	16	35	28	64	35	80	318	238	81	15	14	18	13	40
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	9	1	8	7	1	31	90	80	337	277	60	16	17	13	5	18
Federal Government.....	2	2	(4)	2	2	1	8	100	7	7	(4)	(5)	(5)	(5)	2	80
Exports.....	(4)	(4)	...	(5)	(5)	-	-	-	2	2	(4)	(5)	(5)	(5)	1	60
Other and not specified by class of customer.....	18	17	(4)	13	16	2	3	100	154	135	19	7	8	4	8	40
By sales offices, sales branches, and administrative offices, total.....	43	43	...	100	100	-	-	-	302	302	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Other manufacturers.....	5	5	...	11	11	-	-	-	198	198	...	65	65	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	3	...	7	7	-	-	-	(D)	(D)	...	(12)	(12)	-	-	-
Wholesalers.....	25	25	...	59	59	-	-	-	20	20	...	7	7	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(19)	(19)	-	-	-	47	47	...	16	16	-	-	-
Federal Government.....	2	2	...	(17)	(17)	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Exports.....	(D)	(D)	...	(17)	(17)	-	-	-	7	7	...	2	2	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-23

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 22 - Textile Mill Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY			
	Cotton and silk system yarns, tire cord and tire fabric	Yarns spun on silk system	Percent of total for columns—	
	A	B	A	B
By manufacturing establishments, total.....	1,009	3	100	100
Sales offices, sales branches, and administrative offices of the same company.....	81	...	8	-
Separate merchant wholesale establishments of the same company.....	(D)	...	(3)	-
Individuals (household users) and farmers.....	...	...	-	-
Other manufacturing plants of the same company.....	345	...	34	-
Other manufacturers.....	489	...	48	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	8	...	1	-
Wholesalers.....	45	1	4	45
Retail stores owned by the same company.....	...	...	-	-
All other retail stores.....	4	...	(5)	-
Federal Government.....	(D)	...	(5)	-
Exports.....	9	...	1	-
Other and not specified by class of customer.....	21	2	2	55
By sales offices, sales branches, and administrative offices, total.....	83	...	100	-
Individuals (household users) and farmers.....	...	...	-	-
Other manufacturers.....	80	...	96	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(4)	...	(5)	-
Wholesalers.....	(4)	...	(5)	-
Retail stores owned by the same company.....	...	...	-	-
All other retail stores.....	(4)	...	(5)	-
Federal Government.....	...	...	-	-
Exports.....	2	...	2	-
Other and not specified by class of customer.....	(4)	...	(5)	-

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

D Withheld to avoid disclosure of figures for individual companies. ^rRevised.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

¹The percentage standard errors shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in the group:

Product group title	Product classes included in the group
TEXTILE MILL PRODUCTS	
Yarns spun on woolen and worsted systems.....	22120 and 22712
Cotton and silk system yarns, tire cord and tire fabric....	22241, 22242, and 22243
Yarns spun on silk system.....	22250
Cotton broad-woven gray goods.....	22331-22338
Man-made fiber broad-woven gray goods.....	22341-22347
Narrow fabrics.....	22411-22415
Finished full-fashioned and seamless hosiery.....	22511 and 22521, 22522 and 22523
Full-fashioned and seamless hosiery shipped in the greige..	22512 and 22524
Knit fabrics.....	22561 and 22562
Finished broad-woven fabrics, yarns, etc., except wool....	22611-22614
Wool carpet and rugs.....	22711
Carpets and rugs, except wool.....	22731, 22732, and 22733
Hard surface floor covering.....	22741, 22742, and 22743
Felt goods, except woven felts and hats.....	22910
Coated fabrics, except rubberized.....	22951, 22952, and 22953
Cordage, rope, and twine.....	22981, 22982, and 22983
Other textile products.....	22160, 22220, 22531-22533, 22590, 22920, 22940, 22971, 22991, and 22992

Footnotes continued on next page.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 22

³Approximately 1 percent.

⁴Less than \$1 million.

⁵Less than 1 percent.

⁶Greater than 100 percent.

⁷Approximately 3 percent.

⁸The end of the table shows the following breakdown for selected large companies: Cotton and silk system yarns into (a) Cotton and silk system yarns, tire cord and tire fabric, and (b) Yarns spun on silk system.

⁹This product group includes blanketing and blankets. Mills producing colored yarn fabrics frequently reported their shipments and sales of such fabrics under the gray goods classifications.

¹⁰Because the figures for small companies were considered to be unreliable, the total shipments were allocated on the basis of the large companies pattern distribution.

¹¹Sales of this product group include some fabrics produced on commission by affiliated weaving mills. Shipments of fabrics produced on commission by weaving mills are not reflected on the data shown for manufacturing plants.

¹²Approximately 5 percent.

¹³Approximately 4 percent.

¹⁴Approximately 8 percent.

¹⁵Withheld because the individual estimates are considered to be unreliable.

¹⁶Shipments by manufacturing establishments to sales offices, sales branches, and administrative offices of the same company represents finished goods transferred to such offices. It excludes commission finishing for the account of such offices. Sales of sales offices, sales branches, and administrative offices of the same company includes the sales of finished goods transferred from the manufacturing plants, plus substantial shipments of finished goods produced on commission by the finishing plants for the account of the selling organization.

¹⁷Approximately 2 percent.

¹⁸Approximately 6 percent.

¹⁹Approximately 17 percent.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 24 - Lumber and Wood Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
LOGS, BOLTS, AND PULPWOOD ²									PRODUCTS OF SAWMILLS AND PLANING MILLS ²							
By manufacturing establishments, total....	616	307	309	100	100	100	-	-	2,843	1,308	1,535	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	23	(3)	...	4	(3)	-	-	-	352	289	62	12	22	4	11	60
Separate merchant wholesale establishments of the same company.....	(D)	(3)	...	(4)	(3)	(3)	-	-	110	34	76	4	3	5	12	16
Individuals (household users) and farmers	2	(3)	(3)	(4)	(3)	(3)	20	xxx	9	9	...	(4)	1	-	-	-
Other manufacturing plants of the same company.....	192	(3)	(3)	31	(3)	(3)	4	xxx	110	79	31	4	6	2	15	50
Other manufacturers.....	212	(3)	(3)	34	(3)	(3)	9	xxx	354	118	237	12	9	15	9	13
Industrial, construction, institutional, and commercial users; and State and local Governments.....	79	(3)	(3)	13	(3)	(3)	20	xxx	238	69	168	8	5	11	14	18
Wholesalers.....	60	17	42	10	6	14	15	30	1,213	492	721	43	38	47	7	11
Retail stores owned by the same company.	(D)	(3)	...	(4)	(3)	(3)	-	-	17	17	...	1	1	-	-	-
All other retail stores.....	(5)	(3)	(3)	(4)	(3)	(3)	40	xxx	231	80	152	8	6	10	12	17
Federal Government.....	(D)	(3)	(3)	(4)	(3)	(3)	-	-	9	3	6	(4)	(4)	(4)	20	30
Exports.....	(6)	(3)	(3)	(6)	(3)	(3)	45	xxx	(11)	(11)	(11)	(11)	(11)	(11)	-	-
Other and not specified by class of customer.....	647	(3)	(3)	68	(3)	(3)	18	xxx	11201	11120	1181	117	119	115	18	40
By sales offices, sales branches, and administrative offices, total.....	25	25	...	100	100	-	-	-	512	450	62	100	100	100	8	60
Individuals (household users) and farmers	(D)	(3)	...	(7)	(3)	(3)	-	-	1	1	(13)	(4)	(4)	-	-	-
Other manufacturers.....	16	(3)	...	64	(3)	(3)	-	-	53	30	(13)	10	7	xxx	40	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	(3)	...	-	(3)	(3)	-	-	45	37	(13)	9	8	xxx	19	100
Wholesalers.....	(D)	(3)	...	(8)	(3)	(3)	-	-	209	179	(13)	41	40	xxx	15	90
Retail stores owned by the same company.	(D)	(3)	...	(9)	(3)	(3)	-	-	(D)	(D)	...	(12)	(12)	-	-	-
All other retail stores.....	(D)	(3)	...	(10)	(3)	(3)	-	-	157	157	...	31	35	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	3	3	...	1	1	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(14)	(14)	...	(14)	(14)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	1440	1440	...	148	149	-	-	-
VENEER PLANT PRODUCTS ²									MILLWORK ²							
By manufacturing establishments, total....	174	98	76	100	100	100	-	-	906	437	469	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	8	5	3	5	5	4	25	80	39	39	...	4	9	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(4)	(12)	-	-	-	21	21	...	2	5	-	-	-
Individuals (household users) and farmers	(5)	...	(5)	(4)	-	(4)	80	90	41	5	37	4	1	8	40	45
Other manufacturing plants of the same company.....	17	17	...	10	17	-	-	-	6	6	...	1	1	-	-	-
Other manufacturers.....	106	37	68	61	38	90	15	30	26	13	13	3	3	3	15	30
Industrial, construction, institutional, and commercial users; and State and local Governments.....	5	4	2	3	4	3	17	60	270	86	184	30	20	39	10	7
Wholesalers.....	22	20	2	13	20	3	3	45	327	183	144	36	42	31	15	30
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	19	5	14	2	1	3	60	80
All other retail stores.....	(D)	(D)	...	(4)	(12)	-	-	-	86	46	40	9	10	8	8	18
Federal Government.....	...	...	...	-	-	-	-	-	4	3	2	1	1	(4)	30	70
Exports.....	1	(5)	1	1	(4)	1	45	60	1	1	(5)	(4)	(4)	(4)	8	100
Other and not specified by class of customer.....	13	13	...	7	13	-	-	-	65	30	35	7	7	7	11	20
By sales offices, sales branches, and administrative offices, total.....	11	8	3	100	100	100	19	80	52	52	...	100	100	100	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(5)	(5)	...	1	1	-	-	-
Other manufacturers.....	8	5	3	73	63	100	25	80	3	3	...	6	6	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(15)	(16)	-	-	-	17	17	...	33	33	-	-	-
Wholesalers.....	(D)	(D)	...	(16)	(8)	-	-	-	19	19	...	36	36	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(12)	(12)	-	-	-
All other retail stores.....	(D)	(D)	...	(17)	(10)	-	-	-	9	9	...	17	17	-	-	-
Federal Government.....	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Exports.....	(D)	(D)	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 24 - Lumber and Wood Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PLYWOOD PLANT PRODUCTS ²																
By manufacturing establishments, total....	675	(³)	(³)	100	100	100	-	-	294	158	137	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	132	(³)	...	17	(³)	-	-	-	11	9	2	4	6	1	12	100
Separate merchant wholesale establishments of the same company.....	15	(³)	...	2	(³)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	1	(³)	...	(⁴)	(³)	-	-	-	71	11	60	24	7	44	35	50
Other manufacturing plants of the same company.....	14	(³)	...	2	(³)	-	-	-	(⁵)	(⁵)	(⁵)	(⁴)	(⁴)	(⁴)	-	-
Other manufacturers.....	90	(³)	(³)	14	(³)	(³)	xxx	xxx	1	(⁵)	(⁵)	(⁴)	(⁴)	(⁴)	25	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	18	(³)	(³)	7	(³)	(³)	xxx	xxx	187	112	75	64	71	55	30	90
Wholesalers.....	292	(³)	(³)	41	(³)	(³)	xxx	xxx	11	11	...	4	7	-	-	-
Retail stores owned by the same company.	2	(³)	...	(⁴)	(³)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	4	(³)	(³)	2	(³)	(³)	xxx	xxx	12	12	...	4	7	-	-	-
Federal Government.....	1	(³)	...	(⁴)	(³)	-	-	-	(⁵)	(⁵)	...	(⁴)	(⁴)	-	-	-
Exports.....	1	(³)	(³)	(⁴)	(³)	(³)	xxx	xxx	(⁵)	(⁵)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	105	(³)	...	16	(³)	-	-	-	(⁵)	(⁵)	...	(⁴)	(⁴)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	152	152	...	100	100	-	-	-	11	9	2	100	100	100	12	100
Individuals (household users) and farmers	(D)	(³)	...	(⁴)	(³)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(D)	(³)	...	(⁷)	(³)	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	13	(³)	...	9	(³)	-	-	-	8	8	...	73	89	-	-	-
Wholesalers.....	61	(³)	...	40	(³)	-	-	-	...	...	...	-	-	-	-	-
Retail stores owned by the same company.	(D)	(³)	...	(¹²)	(³)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	52	(³)	...	34	(³)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	4	(³)	...	3	(³)	-	-	-	...	...	...	-	-	-	-	-
Exports.....	(D)	(³)	...	(⁴)	(³)	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁹)	(³)	-	-	-	3	1	2	27	11	100	40	100
WOODEN CONTAINERS ²																
By manufacturing establishments, total....	412	235	177	100	100	100	-	-	704	336	367	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	30	24	6	7	10	3	17	90	100	100	...	14	30	-	-	-
Separate merchant wholesale establishments of the same company.....	2	2	...	1	1	-	-	-	2	2	...	(⁴)	1	-	-	-
Individuals (household users) and farmers	20	11	9	5	5	5	14	34	21	1	20	3	(⁴)	5	60	60
Other manufacturing plants of the same company.....	54	54	...	13	23	-	-	-	33	33	(⁵)	5	10	(⁴)	1	90
Other manufacturers.....	112	50	62	27	21	35	13	25	138	49	89	20	15	24	20	30
Industrial, construction, institutional, and commercial users; and State and local Governments.....	88	33	55	21	14	31	20	35	148	59	90	21	18	24	20	30
Wholesalers.....	82	44	37	20	19	21	18	45	148	49	99	21	15	27	20	30
Retail stores owned by the same company.	(⁵)	(⁵)	...	(⁴)	(⁴)	-	-	-	(⁵)	(⁵)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	8	4	4	2	2	2	30	60	70	24	47	10	7	13	45	60
Federal Government.....	2	2	(⁵)	1	1	(⁴)	9	60	4	3	2	1	1	1	30	60
Exports.....	3	3	(⁵)	1	1	(⁴)	1	90	5	4	1	1	1	(⁴)	15	70
Other and not specified by class of customer.....	10	8	2	2	3	1	10	60	33	13	20	5	4	5	35	50
By sales offices, sales branches, and administrative offices, total.....	54	48	6	100	100	100	10	90	121	121	...	100	100	-	-	-
Individuals (household users) and farmers	5	5	...	9	10	-	-	-	(⁵)	(⁵)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	9	9	...	17	19	-	-	-	9	9	...	7	7	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	25	25	...	46	51	-	-	-	75	75	...	62	62	-	-	-
Wholesalers.....	9	3	6	16	6	100	60	90	28	28	...	23	23	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(¹⁸)	(¹⁸)	-	-	-	(⁵)	(⁵)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	(⁵)	(⁵)	...	1	1	-	-	-	3	3	...	2	2	-	-	-
Federal Government.....	(⁵)	(⁵)	...	1	1	-	-	-	1	1	...	1	1	-	-	-
Exports.....	(D)	(D)	...	(¹⁸)	(¹⁸)	-	-	-	5	5	...	4	4	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

FOOTNOTES FOR MAJOR GROUP 24

D Withheld to avoid disclosure of figures for individual companies.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard errors shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete canvass totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
LUMBER AND WOOD PRODUCTS	
Logs, bolts, and pulpwood.....	24110
Products of sawmills and planing mills.....	24211-24218
Veneer plant products.....	24221 and 24222
Millwork.....	24311-24316
Plywood plant products.....	24321-24324
Prefabricated wood products.....	24331, 24332, and 24333
Wooden containers.....	24410-24452
Miscellaneous wood products.....	24230-24250 and 24910-24994

³Detail is not shown separately for small and large companies because the estimates are considered to be unreliable.

⁴Less than 1 percent.

⁵Less than \$1 million.

⁶Shipments for exports, amounting to \$5 million in column A, has been included with the category "Other and not specified by class of customer" because the estimates are considered to be unreliable.

⁷Approximately 8 percent.

⁸Approximately 20 percent.

⁹Approximately 5 percent.

¹⁰Approximately 4 percent.

¹¹Shipments for exports, amounting to \$4 million in column A, \$3 million in column B, and \$1 million in column C, has been included with the category "Other and not specified by class of customer" because the estimates are considered to be unreliable.

¹²Approximately 1 percent.

¹³Withheld from publication because the detailed estimates of sales by small companies are considered to be unreliable.

¹⁴Sales for export, amounting to \$3 million in column A and column B, has been included with the category "Other and not specified by class of customer" because the estimates are considered to be unreliable.

¹⁵Approximately 11 percent.

¹⁶Approximately 17 percent.

¹⁷Approximately 3 percent.

¹⁸Approximately 6 percent.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 25 - Furniture and Fixtures

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
	HOUSEHOLD FURNITURE ²								OFFICE FURNITURE ²							
By manufacturing establishments, total....	3,156	1,854	1,302	100	100	100	-	-	337	304	33	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	217	215	2	7	12	(³)	1	90	88	88	...	26	29	-	-	-
Separate merchant wholesale establishments of the same company.....	19	(D)	(D)	1	(⁴)	(⁴)	25	50	13	13	...	4	(⁴)	-	-	-
Individuals (household users) and farmers	75	6	69	2	(³)	5	12	14	(⁶)	(⁶)	(⁶)	(³)	(³)	(³)	60	100
Other manufacturing plants of the same company.....	85	84	1	3	4	(³)	1	80	...	...	...	-	-	-	-	-
Other manufacturers.....	129	68	61	4	4	5	7	17	6	5	1	2	2	3	30	70
Industrial, construction, institutional, and commercial users; and State and local Governments.....	128	50	78	4	3	6	9	16	15	14	(⁶)	4	5	1	2	80
Wholesalers.....	374	225	149	12	12	11	5	13	61	43	18	18	14	55	50	90
Retail stores owned by the same company.	64	64	(⁵)	2	3	(³)	1	60	...	...	...	-	-	-	-	-
All other retail stores.....	1,917	1,084	834	61	58	64	3	8	96	84	12	29	28	36	15	70
Federal Government.....	23	18	5	1	1	(³)	7	35	15	15	...	4	5	-	-	-
Exports.....	2	1	1	(³)	(³)	(³)	11	40	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	124	(⁴)	(⁴)	4	(⁴)	(⁴)	20	30	42	41	1	12	13	3	4	100
By sales offices, sales branches, and administrative offices, total.....	233	227	7	100	100	100	-	-	100	100	...	100	100	-	-	-
Individuals (household users) and farmers	1	1	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	7	7	...	3	3	-	-	-	51	51	...	51	51	-	-	-
Wholesalers.....	13	13	...	6	6	-	2	80	5	5	...	5	5	-	-	-
Retail stores owned by the same company.	10	4	7	4	2	100	50	80	...	...	...	-	-	-	-	-
All other retail stores.....	196	196	...	84	86	-	-	-	31	31	...	31	31	-	-	-
Federal Government.....	(D)	(D)	...	(³)	(³)	-	-	-	12	12	...	12	12	-	-	-
Exports.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
	PUBLIC BUILDING, PROFESSIONAL FURNITURE, EXCEPT BEAUTY AND BARBER SHOP ²								PARTITIONS AND FIXTURES ²							
By manufacturing establishments, total....	318	219	99	100	100	100	-	-	535	203	333	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	34	32	2	11	15	2	5	100	58	57	1	11	28	(³)	1	100
Separate merchant wholesale establishments of the same company.....	8	8	...	2	4	-	-	-	(D)	(D)	...	(³)	(⁵)	-	-	-
Individuals (household users) and farmers	1	(⁶)	1	(³)	(³)	1	40	50	15	(⁶)	15	3	(³)	4	30	40
Other manufacturing plants of the same company.....	(⁶)	(⁶)	...	(³)	(³)	-	-	-	1	1	...	(³)	1	-	-	-
Other manufacturers.....	29	16	13	9	7	13	30	100	11	6	5	2	3	1	16	50
Industrial, construction, institutional, and commercial users; and State and local Governments.....	109	77	33	34	35	33	7	30	201	65	137	38	32	41	11	25
Wholesalers.....	51	38	13	16	17	13	12	60	67	14	53	12	7	16	25	40
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
All other retail stores.....	65	36	30	20	16	30	20	60	113	32	81	21	16	24	19	35
Federal Government.....	5	4	1	2	2	1	9	80	20	5	15	4	2	4	40	80
Exports.....	2	1	1	1	1	1	19	70	(⁶)	(⁶)	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	14	7	6	4	3	6	30	90	47	20	27	9	10	8	20	50
By sales offices, sales branches, and administrative offices, total.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	78	77	1	100	100	100	1	90
Individuals (household users) and farmers	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	...	...	...	-	-	-	-	-
Other manufacturers.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	(D)	(D)	...	(⁸)	(⁸)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	63	63	...	81	82	-	-	-
Wholesalers.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	7	6	1	9	8	100	10	90
Retail stores owned by the same company.	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	...	...	...	-	-	-	-	-
All other retail stores.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	(D)	(D)	...	(⁹)	(⁹)	-	-	-
Federal Government.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	3	3	...	4	4	-	-	-
Exports.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	(D)	(D)	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	xxx	xxx	...	...	...	-	-	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 25 - Furniture and Fixtures

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C
SHADES AND VENETIAN BLINDS ²								
By manufacturing establishments, total.....	163	84	79	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company.....	29	29	...	18	35	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-
Individuals (household users) and farmers.....	18	...	18	11	-	23	30	30
Other manufacturing plants of the same company.....	(D)	(D)	...	(9)	(8)	-	-	-
Other manufacturers.....	(D)	(D)	3	(8)	(8)	4	45	90
Industrial, construction, institutional, and commercial users; and State and local Governments	3	1	2	2	1	3	30	45
Wholesalers.....	36	(D)	(D)	22	(10)	(11)	35	60
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-
All other retail stores.....	59	33	26	36	39	33	16	40
Federal Government.....	1	(D)	(D)	1	(5)	(5)	40	90
Exports.....	1	1	...	1	1	-	-	-
Other and not specified by class of customer.....	6	(6)	6	4	(3)	8	90	100
By sales offices, sales branches, and administrative offices, total.....	30	30	...	100	100	-	-	-
Individuals (household users) and farmers.....	(D)	(D)	...	(3)	(3)	-	-	-
Other manufacturers.....	(6)	(6)	...	(3)	(3)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments	(D)	(D)	...	(5)	(5)	-	-	-
Wholesalers.....	(D)	(D)	...	(8)	(8)	-	-	-
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-
All other retail stores.....	29	29	...	95	95	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-
Exports.....	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-

D Withheld to avoid disclosure of figures for individual companies.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard errors shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete census totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
(ii) Twice the percentage shown: approximately 19 times out of 20.
(iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
FURNITURE AND FIXTURES	
Household furniture.....	25111-25193
Office furniture.....	25210-25224
Public building, professional furniture, except beauty and barber shop.....	25310 and 25320
Partitions and fixtures.....	25411 and 25412
Shades and venetian blinds.....	25620-25632

³Less than 1 percent.⁴The combined total of these product classes amounted to \$40 million in column B and \$103 million in column C, of which the category "Separate merchant wholesale establishments of the same company" comprised approximately 20 percent and 11 percent, respectively.⁵Approximately 1 percent.⁶Less than \$1 million.⁷Withheld from publication because the estimates are considered to be unreliable.⁸Approximately 4 percent.⁹Approximately 2 percent.¹⁰Approximately 14 percent.¹¹Approximately 30 percent.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 26 - Paper and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PULP MILL PRODUCTS ²									PAPER AND PAPERBOARD MILL PRODUCTS, EXCEPT BUILDING-PAPER AND BUILDING BOARD ^{2 7}							
By manufacturing establishments, total....	605	605	...	100	100	-	-	-	4,728	4,540	188	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	133	133	...	22	22	-	-	-	953	919	33	20	20	18	2	80
Separate merchant wholesale establishments of the same company.....	10	10	...	2	2	-	-	-	53	53	...	1	1	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	201	201	...	33	33	-	-	-	1,322	1,322	...	28	29	-	-	-
Other manufacturers.....	180	180	...	30	30	-	-	-	1,127	1,049	78	24	23	41	2	40
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(³)	(³)	-	-	-	497	480	17	11	11	9	2	80
Wholesalers.....	1	1	...	(⁴)	(⁴)	-	-	-	610	578	32	13	13	17	15	50
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	8	8	...	(⁴)	(⁴)	-	-	-
Federal Government.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	11	11	...	(⁴)	(⁴)	-	-	-
Exports.....	23	23	...	4	4	-	-	-	8147	8119	828	3	3	15	8	70
Other and not specified by class of customer.....	28	28	...	5	5	-	-	-								
By sales offices, sales branches, and administrative offices, total.....	141	141	...	100	100	-	-	-	994	960	34	100	100	100	2	80
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	5120	5120	...	85	85	-	-	-	403	403	...	40	42	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	3	...	2	2	-	-	-	351	351	...	35	37	-	-	-
Wholesalers.....	55	55	...	4	4	-	-	-	159	159	...	16	17	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁹)	(⁹)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹⁰)	(¹¹)	(¹²)	45	80
Federal Government.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	3	3	...	(⁴)	(⁴)	-	-	-
Exports.....	(⁵)	...	...	-	-	-	-	-	23	22	...	(⁶)	2	2	(⁴)	1
Other and not specified by class of customer.....	13	13	...	10	10	-	-	-	8	(D)	(D)	1	(⁴)	(¹³)	50	80
BUILDING PAPER AND BOARD ²									PAPER COATING AND GLAZING ²							
By manufacturing establishments, total....	374	373	(⁶)	100	100	100	-	-	735	673	62	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	194	194	...	52	52	-	-	-	218	218	...	30	32	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	2	2	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	(S)	(⁶)	2	(S)	(⁴)	3	-	100
Other manufacturing plants of the same company.....	39	39	...	10	10	-	-	-	28	28	...	4	4	-	-	-
Other manufacturers.....	16	16	...	4	4	-	-	-	201	168	33	27	25	53	20	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6	6	...	2	2	-	-	-	75	69	6	10	10	9	15	100
Wholesalers.....	108	108	(⁶)	29	29	98	1	90	178	160	18	24	24	30	13	60
Retail stores owned by the same company.	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(⁶)	(⁶)	(⁶)	(⁴)	(⁴)	2	8	90	15	14	1	2	2	1	7	70
Federal Government.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	(S)	1	2	(S)	(⁴)	4	-	80
Exports.....	811	811	...	3	3	-	-	-	812	812	...	2	2	-	-	-
Other and not specified by class of customer.....																
By sales offices, sales branches, and administrative offices, total.....	213	213	...	100	100	-	-	-	222	222	...	100	100	-	-	-
Individuals (household users) and farmers	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	18	18	...	8	8	-	-	-	46	46	...	21	21	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	49	49	...	23	23	-	-	-	77	77	...	35	35	-	-	-
Wholesalers.....	128	128	...	60	60	-	-	-	68	68	...	30	30	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-	17	17	...	8	8	-	-	-
Federal Government.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Exports.....	1	1	...	(5)	(5)	-	-	-	815	815	...	7	7	-	-	-
Other and not specified by class of customer.....																

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 26 - Paper and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
ENVELOPES (ALL TYPES AND MATERIALS, EXCLUDING STATIONERY ENVELOPES) ²									PAPER BAGS ²							
By manufacturing establishments, total....	247	188	59	100	100	100	-	-	857	667	190	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	15	15	...	6	8	-	-	-	323	323	...	38	48	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁹)	(¹⁰)	-	-	-	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-
Individuals (household users) and farmers	1	1	...	(⁴)	(⁴)	1	-	-	(D)	(D)	1	(¹¹)	(¹¹)	(⁴)	13	70
Other manufacturing plants of the same company.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	17	17	...	2	2	-	-	-
Other manufacturers.....	9	8	1	4	4	2	19	90	86	67	18	10	10	10	11	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	104	78	27	42	41	46	35	70	103	98	5	12	15	3	4	100
Wholesalers.....	78	55	23	32	29	39	30	50	200	110	90	23	16	47	19	50
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	14	8	6	6	4	11	80	90	74	37	36	9	6	19	25	50
Federal Government.....	14	12	2	6	6	3	25	100	4	1	3	(⁴)	(⁴)	1	60	100
Exports.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	⁸ 7	⁸ 7	...	3	4	-	-	-	⁸ 43	⁸ 6	⁸ 37	5	1	20	50	60
By sales offices, sales branches, and administrative offices, total.....	15	15	...	100	100	-	-	-	333	333	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	170	170	...	51	51	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	5	5	...	32	32	-	-	-	84	84	...	25	25	-	-	-
Wholesalers.....	8	8	...	54	54	-	-	-	51	51	...	15	15	-	-	-
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-
All other retail stores.....	(D)	(D)	...	(³)	(³)	-	-	-	18	18	...	6	6	-	-	-
Federal Government.....	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-
PAPERBOARD BOXES (FOLDING, SET-UP, CORRUGATED, AND SOLID FIBER) ²									FIBER CANS, TUBES, DRUMS, ETC. ²							
By manufacturing establishments, total....	2,673	2,060	613	100	100	100	-	-	189	154	35	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	327	327	...	12	16	-	-	-	69	69	...	36	45	-	-	-
Separate merchant wholesale establishments of the same company.....	3	3	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	3	2	1	(⁴)	(⁴)	(⁴)	16	70	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	91	91	...	3	4	-	-	-	3	3	...	2	2	-	-	-
Other manufacturers.....	1,545	1,194	351	58	58	57	4	25	79	67	11	42	44	32	3	70
Industrial, construction, institutional, and commercial users; and State and local Governments.....	477	334	143	18	16	23	12	60	12	12	...	6	8	-	-	-
Wholesalers.....	92	60	32	3	3	5	10	40	25	1	24	13	1	68	25	80
Retail stores owned by the same company..	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	72	26	47	3	1	8	20	50	...	...	...	-	-	-	-	-
Federal Government.....	5	3	2	(⁴)	(⁴)	(⁴)	20	90	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	⁸ 57	⁸ 18	⁸ 38	2	1	6	30	70	⁸ (D)	⁸ (D)	...	(¹¹)	(¹¹)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	338	338	...	100	100	-	-	-	69	69	...	100	100	-	-	-
Individuals (household users) and farmers	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	222	222	...	66	66	-	-	-	50	50	...	72	72	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	57	57	...	17	17	-	-	-	(D)	(D)	...	(¹⁵)	(¹⁵)	-	-	-
Wholesalers.....	52	52	...	15	15	-	-	-	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-
Retail stores owned by the same company..	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	3	3	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Exports.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 26 - Paper and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
DIE-CUT OR LAMINATED PAPER AND BOARD ²									PULP GOODS, PRESSED AND MOLDED ²							
By manufacturing establishments, total....	265	206	59	100	100	100	-	-	80	80	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	104	104	...	39	50	-	-	-	25	25	...	31	31	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁹)	(⁹)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	7	7	...	3	4	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	89	47	42	34	23	70	20	70	13	13	...	16	16	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	17	5	12	6	3	19	30	80	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-
Wholesalers.....	25	21	3	9	10	6	8	100	35	35	...	43	43	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	14	14	(⁶)	5	7	1	1	70	1	1	...	1	1	-	-	-
Federal Government.....	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	84	82	83	2	1	4	50	100	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	119	119	...	100	100	-	-	-	35	35	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	6	6	...	5	5	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	96	96	...	81	81	-	-	-	(D)	(D)	...	(¹⁷)	(¹⁷)	-	-	-
Wholesalers.....	2	2	...	2	2	-	-	-	(D)	(D)	...	(¹²)	(¹²)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(D)	(D)	...	(¹⁶)	(¹⁶)	-	-	-	...	...	...	-	-	-	-	-
Exports.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Shipments and sales to the designated class of customer									OTHER CONVERTED PAPER PRODUCTS ^{2 7}							
By manufacturing establishments, total.....	1,848	1,696	152	100	100	100	-	-	...	...	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company.....	601	601	...	32	35	-	-	-	...	...	...	32	35	-	-	-
Separate merchant wholesale establishments of the same company.....	9	9	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Individuals (household users) and farmers.....	6	2	4	(⁴)	(⁴)	3	50	70	...	...	...	(⁴)	(⁴)	-	-	-
Other manufacturing plants of the same company.....	27	27	...	2	2	-	-	-	...	...	...	2	2	-	-	-
Other manufacturers.....	188	173	16	10	10	10	5	50	...	...	...	10	10	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments	220	163	57	12	10	38	20	75	...	...	...	12	10	-	-	-
Wholesalers.....	509	463	46	28	27	30	3	30	...	...	...	28	27	-	-	-
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	188	177	11	10	10	7	3	40	...	...	...	10	10	-	-	-
Federal Government.....	20	16	4	1	1	3	15	70	...	...	...	1	1	-	-	-
Exports.....	13	12	1	1	1	(⁴)	4	70	...	...	...	1	1	-	-	-
Other and not specified by class of customer.....	67	53	13	4	3	9	14	60	...	...	...	4	3	-	-	-
By sales offices, sales branches, and administrative offices, total.....	629	629	...	100	100	-	-	-	...	...	...	100	100	-	-	-
Individuals (household users) and farmers.....	(⁶)	(⁶)	...	(⁴)	(⁴)	-	-	-	...	...	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	82	82	...	13	13	-	-	-	...	...	...	13	13	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments	216	216	...	34	34	-	-	-	...	...	...	34	34	-	-	-
Wholesalers.....	202	202	...	32	32	-	-	-	...	...	...	32	32	-	-	-
Retail stores owned by the same company.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	111	111	...	18	18	-	-	-	...	...	...	18	18	-	-	-
Federal Government.....	11	11	...	2	2	-	-	-	...	...	...	2	2	-	-	-
Exports.....	3	3	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	(⁴)	(⁴)	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 26 - Paper and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY					
	Book and fine paper uncoated	Other primary paper, except book and fine paper uncoated	Paperboard, container board, bending and nonbending board and special paperboard stock	Percent of total for columns—		
	(A)	(B)	(C)	(A)	(B)	(C)
By manufacturing establishments, total.....	880	1,857	1,554	100	100	100
Sales offices, sales branches, and administrative offices of the same company.....	172	509	238	20	27	15
Separate merchant wholesale establishments of the same company.....	23	28	2	3	2	(4)
Individuals (household users) and farmers.....	...	...	...	-	-	-
Other manufacturing plants of the same company.....	66	578	678	8	31	44
Other manufacturers.....	189	334	417	22	18	27
Industrial, construction, institutional, and commercial users; and State and local Governments.....	101	194	146	11	10	9
Wholesalers.....	266	152	72	30	8	5
Retail stores owned by the same company.....	...	...	(6)	-	-	(4)
All other retail stores.....	(6)	(6)	...	(4)	(4)	-
Federal Government.....	7	(6)	(6)	1	(4)	(4)
Exports.....	...	...	...	...	...	...
Other and not specified by class of customer.....	856	862	81	6	3	(4)
By sales offices, sales branches, and administrative offices, total.....	187	523	249	100	100	100
Individuals (household users) and farmers.....	...	...	...	-	-	-
Other manufacturers.....	45	169	189	24	32	76
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	264	(D)	(18)	50	(3)
Wholesalers.....	65	58	36	35	11	15
Retail stores owned by the same company.....	...	(D)	...	-	(10)	-
All other retail stores.....	(D)	(D)	...	(4)	(11)	-
Federal Government.....	1	(D)	(D)	(4)	(4)	(11)
Exports.....	3	10	10	1	2	4
Other and not specified by class of customer.....	(D)	...	...	(4)	-	-
SELECTED LARGE COMPANIES ONLY--Continued						
	Sanitary food containers, boards and trays	Sanitary tissue health products	Other converted paper and paperboard products	Percent of total for columns—		
	(D)	(E)	(F)	(D)	(E)	(F)
By manufacturing establishments, total.....	613	545	445	100	100	100
Sales offices, sales branches, and administrative offices of the same company.....	247	205	149	40	38	33
Separate merchant wholesale establishments of the same company.....	...	6	3	-	1	1
Individuals (household users) and farmers.....	...	(D)	(D)	-	(4)	(4)
Other manufacturing plants of the same company.....	10	5	12	2	1	3
Other manufacturers.....	77	7	81	13	1	18
Industrial, construction, institutional, and commercial users; and State and local Governments.....	102	12	43	17	2	10
Wholesalers.....	131	190	98	21	35	22
Retail stores owned by the same company.....	...	...	...	-	-	-
All other retail stores.....	9	100	36	1	18	8
Federal Government.....	5	7	4	1	1	1
Exports.....	5	(D)	(D)	1	(11)	(11)
Other and not specified by class of customer.....	28	9	16	4	2	4
By sales offices, sales branches, and administrative offices, total.....	255	218	155	100	100	100
Individuals (household users) and farmers.....	...	...	(6)	-	-	(4)
Other manufacturers.....	33	...	49	13	-	32
Industrial, construction, institutional, and commercial users; and State and local Governments.....	141	(D)	(D)	55	(13)	(17)
Wholesalers.....	65	89	49	26	41	31
Retail stores owned by the same company.....	(D)	...	...	(4)	-	-
All other retail stores.....	11	74	26	4	34	17
Federal Government.....	2	6	2	1	3	1
Exports.....	1	1	1	1	1	(4)
Other and not specified by class of customer.....	(D)	(D)	(D)	(4)	(4)	(11)

See footnotes on next page.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 26

D Withheld to avoid disclosure of figures for individual companies.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard error shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census Old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
PULP, PAPER, BOARD, AND PRODUCTS	
Pulp mill products.....	26111-26119
Book and fine paper uncoated.....	26123
Other primary paper, except book and fine paper, uncoated...	26121, 26122, 26124, and 26125
Paperboard, container board, bending and nonbending board, and special paperboard stock.....	26126-26129
Building paper and board.....	26131 and 26132
Paper coating and glazing.....	26411-26415
Envelopes (all types and materials, excluding stationery envelopes).....	26510
Paper bags.....	26611-26614
Paperboard boxes (folding, set-up, corrugated, and solid fiber).....	26711-26714
Fiber cans, tubes, drums, etc.....	26741, 26742, and 26743
Die-cut or laminated paper and board.....	26911, 26912 and 26913
Pulp goods, pressed and molded.....	26940
Sanitary food containers, boards and trays.....	26993
Sanitary tissue health products.....	26994
Other converted paper and paperboard products.....	26991, 26992, 26995, and 26996

³Approximately 5 percent.

⁴Less than 1 percent

⁵A substantial amount of wood pulp sold by manufacturer's sales branches and sales offices for use abroad was reported as sales to "Other manufactures" rather than as direct "Exports" or as sales to export firms which are included in the "Wholesalers" category.

⁶Less than \$1 million.

⁷The end of this table shows the following breakdowns for selected large companies: Paper and Paperboard Mill Products except Building-Paper and Building Board into (a) Book and fine paper, uncoated, (b) Other primary paper, except book and fine paper, uncoated, and (c) Paperboard, container board, bending and nonbending board, and special paperboard stock; Converted Paper Products, not elsewhere classified into (a) Sanitary food containers, boards and trays, (b) Sanitary tissue health products, and (c) Other converted paper and paperboard products. The sum of this separate information is less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report a breakdown but only the total.

⁸The category "Exports" has been combined with the category "Other and not specified by class of customer" because the estimates were considered to be unreliable.

⁹Approximately, 2 percent.

¹⁰Approximately 3 percent

¹¹Approximately 1 percent

¹²Approximately 75 percent.

¹³Approximately 20 percent.

¹⁴Approximately 8 percent.

¹⁵Approximately 25 percent.

¹⁶Approximately 11 percent.

¹⁷Approximately 17 percent

¹⁸Approximately 45 percent.

DISTRIBUTION OF MANUFACTURERS' SALES

10-35

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 28 - Chemicals and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
INDUSTRIAL INORGANIC CHEMICALS ²																
By manufacturing establishments, total....	2,665	2,399	264	100	100	100	-	-	3,752	3,628	124	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,214	1,214	...	45	51	-	-	-	2,248	2,248	...	60	62	-	-	-
Separate merchant wholesale establishments of the same company.....	26	26	(³)	1	1	(⁴)	1	80	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	14	8	6	1	(⁴)	2	12	70	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturing plants of the same company.....	497	457	40	19	19	15	3	100	832	832	...	22	23	-	-	-
Other manufacturers.....	5612	5486	5126	523	520	548	54	560	5535	5427	5108	514	512	587	512	570
Industrial, construction, institutional, and commercial users; and State and local Governments.....																
Wholesalers.....	163	113	50	6	5	19	7	60	64	60	4	2	2	3	3	60
Retail stores owned by the same company..	(D)	(D)	...	(⁶)	(⁶)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	42	2	39	1	(⁴)	15	30	90	3	(³)	3	(⁴)	(⁴)	2	80	100
Federal Government.....	44	42	2	2	2	1	1	90	3	3	(³)	(⁴)	(⁴)	(⁴)	3	90
Exports.....	30	28	1	1	1	1	1	80	42	38	4	1	1	3	7	90
Other and not specified by class of customer.....	(⁶)	(⁶)	...	(⁶)	(⁶)	-	-	-	19	13	6	1	(⁴)	5	25	100
By sales offices, sales branches, and administrative offices, total.....	1,265	1,265	...	100	100	-	-	-	2,412	2,412	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁷)	(⁷)	-	-	-	(D)	(D)	...	(⁷)	(⁷)	-	-	-
Other manufacturers.....	51,059	51,059	...	584	584	-	-	-	52,074	52,074	...	586	586	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....																
Wholesalers.....	118	118	...	9	9	-	-	-	148	148	...	6	6	-	-	-
Retail stores owned by the same company..	...	...	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	4	4	...	1	1	-	-	-	10	10	...	(⁴)	(⁴)	-	-	-
Federal Government.....	15	15	...	4	4	-	-	-	150	150	...	6	6	-	-	-
Exports.....	50	50	...	(⁷)	(⁷)	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	...	...	...	-	-	-	-	-
PLASTICS MATERIALS ²																
By manufacturing establishments, total....	2,190	1,906	284	100	100	100	-	-	604	604	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,208	1,208	...	55	63	-	-	-	237	237	...	39	39	-	-	-
Separate merchant wholesale establishments of the same company.....	5	5	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁸)	(⁸)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	185	185	...	8	10	-	-	-	175	175	...	29	29	-	-	-
Other manufacturers.....	5629	5411	5218	529	522	577	55	540	5152	5152	...	525	525	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....																
Wholesalers.....	60	48	12	3	2	4	4	50	14	14	...	2	2	-	-	-
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	39	8	31	2	(⁴)	11	20	60	...	...	...	-	-	-	-	-
Federal Government.....	3	2	1	(⁴)	(⁴)	(⁴)	10	90	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Exports.....	47	26	21	2	1	7	15	90	26	26	...	4	4	-	-	-
Other and not specified by class of customer.....	(⁸)	(⁸)	...	(⁸)	(⁸)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	1,303	1,303	...	100	100	-	-	-	250	250	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	51,043	51,043	...	580	580	-	-	-	5187	5187	...	575	575	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....																
Wholesalers.....	83	83	...	6	6	-	-	-	2	2	...	1	1	-	-	-
Retail stores owned by the same company..	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁹)	(⁹)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	2	2	...	(⁴)	(⁴)	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	111	111	...	8	8	-	-	-	61	61	...	24	24	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 28 - Chemicals and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
SYNTHETIC FIBERS ²									EXPLOSIVES ²							
By manufacturing establishments, total....	1,343	1,343	...	100	100	-	-	-	170	168	2	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,176	1,176	...	88	88	-	-	-	137	137	...	81	82	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	56	56	...	4	4	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other manufacturers.....	97	97	...	7	7	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	15	15	1	9	9	35	80	100
Wholesalers.....	(D)	(D)	...	(4)	(4)	-	-	-	(S)	(D)	1	(S)	(10)	-	-	100
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Federal Government.....	(D)	(D)	...	(4)	(4)	-	-	-	4	4	...	2	2	-	-	-
Exports.....	2	2	...	(4)	(4)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	5	5	...	(4)	(4)	-	-	-	4	4	...	3	3	-	-	-
By sales offices, sales branches, and administrative offices, total.....	1,186	1,186	...	100	100	-	-	-	160	160	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	51,146	51,146	...	97	97	-	-	-	124	124	...	78	78	-	-	-
Wholesalers.....	4	4	...	(4)	(4)	-	-	-	18	18	...	12	12	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(3)	(3)	...	(4)	(4)	-	-	-	3	3	...	2	2	-	-	-
Exports.....	37	37	...	3	3	-	-	-	13	13	...	8	8	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
BIOLOGICAL AND PHARMACEUTICAL PRODUCTS ²									MEDICINAL CHEMICALS, INCLUDING BOTANICALS ²							
By manufacturing establishments, total....	2,464	2,269	195	100	100	100	-	-	391	353	38	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,290	1,282	9	52	57	4	1	100	138	138	...	35	39	-	-	-
Separate merchant wholesale establishments of the same company.....	43	43	...	2	2	-	-	-	12	12	...	3	3	-	-	-
Individuals (household users) and farmers	6	2	4	(4)	(4)	2	70	70	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	26	26	...	1	1	-	-	-	55	55	...	14	15	-	-	-
Other manufacturers.....	72	57	15	3	2	8	20	70	146	115	32	37	32	84	3	70
Industrial, construction, institutional, and commercial users; and State and local Governments.....	48	40	8	2	2	4	19	80	5	4	1	1	1	3	3	70
Wholesalers.....	710	598	112	29	26	57	15	70	10	10	(3)	2	3	(4)	1	80
Retail stores owned by the same company.	6	6	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	143	100	43	6	4	22	30	70	(D)	(D)	...	(4)	(4)	-	-	-
Federal Government.....	29	28	1	1	1	1	4	70	(3)	(3)	...	(4)	(4)	-	-	-
Exports.....	50	49	1	2	2	1	2	80	22	17	5	6	5	13	3	70
Other and not specified by class of customer.....	41	38	4	2	2	2	12	100	(D)	(D)	...	(4)	(4)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	1,362	1,321	41	100	100	100	4	100	142	142	...	100	100	-	-	-
Individuals (household users) and farmers	6	4	2	(4)	(4)	5	50	100	(D)	(D)	...	(7)	(7)	-	-	-
Other manufacturers.....	124	124	...	9	9	-	-	-	86	86	...	60	60	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	238	238	...	18	18	-	-	-	13	13	...	9	9	-	-	-
Wholesalers.....	357	357	...	26	27	-	-	-	27	27	...	19	19	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(11)	(11)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	475	440	35	35	33	85	10	100	3	3	...	2	2	-	-	-
Federal Government.....	62	62	...	4	5	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Exports.....	58	54	4	4	4	10	10	100	11	11	...	8	8	-	-	-
Other and not specified by class of customer.....	(11)	(11)	...	(11)	(11)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 28 - Chemicals and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
SOAPS AND DETERGENTS; GLYCERIN ^{2 12}									POLISHING PREPARATIONS AND RELATED PRODUCTS ²							
By manufacturing establishments, total....	1,677	1,478	199	100	100	100	-	-	269	169	100	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,226	1,225	1	73	83	1	1	90	87	87	...	32	51	-	-	-
Separate merchant wholesale establishments of the same company.....	12	12	...	(⁴)	(⁴)	(⁴)	-	-	(D)	(D)	(³)	(⁴)	(⁷)	-	-	-
Individuals (household users) and farmers	2	2	(³)	(⁴)	(⁴)	(⁴)	3	90	(D)	(D)	(³)	(⁴)	(⁴)	(⁴)	60	100
Other manufacturing plants of the same company.....	4	4	...	(⁴)	(⁴)	-	-	-	2	2	...	1	1	-	-	-
Other manufacturers.....	42	38	3	3	3	1	4	100	8	4	5	3	2	5	60	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	87	44	43	5	3	22	20	90	28	12	16	10	7	16	50	50
Wholesalers.....	244	107	137	14	7	69	10	40	55	28	27	20	16	27	32	40
Retail stores owned by the same company.	5	5	...	(⁴)	(⁴)	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	26	14	12	1	1	6	19	90	18	14	4	7	8	4	17	50
Federal Government.....	8	7	1	(⁷)	(⁷)	1	4	70	3	3	(³)	1	2	(⁴)	12	70
Exports.....	4	4	(³)	(⁴)	(⁴)	(⁴)	2	70	2	2	(³)	1	1	(⁴)	17	60
Other and not specified by class of customer.....	17	17	...	1	1	-	-	-	65	18	47	24	11	47	100	80
By sales offices, sales branches, and administrative offices, total.....	1,256	1,256	...	100	100	-	-	-	88	88	...	100	100	-	-	-
Individuals (household users) and farmers	(³)	(³)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	156	156	...	12	12	-	-	-	(D)	(D)	...	(¹³)	(¹³)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	45	45	...	4	4	-	-	-	2	2	...	(¹⁴)	(¹⁴)	-	-	-
Wholesalers.....	416	416	...	33	33	-	-	-	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-
Retail stores owned by the same company.	(³)	(³)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	598	598	...	48	48	-	-	-	25	25	...	28	28	-	-	-
Federal Government.....	5	5	...	(⁴)	(⁴)	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	17	17	...	1	1	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	19	19	...	2	2	-	-	-	27	27	...	31	31	-	-	-
PAINTS, VARNISHES, AND LACQUERS ²									INORGANIC COLOR PIGMENTS ²							
By manufacturing establishments, total....	1,689	1,053	636	100	100	100	-	-	408	386	21	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	498	439	59	29	42	9	8	90	161	161	...	39	41	-	-	-
Separate merchant wholesale establishments of the same company.....	12	12	...	1	1	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	9	1	8	1	(⁴)	1	50	70	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	43	43	...	2	4	-	-	-	23	23	...	5	6	-	-	-
Other manufacturers.....	180	110	70	11	10	11	12	40	184	171	13	45	44	60	9	100
Industrial, construction, institutional, and commercial users; and State and local Governments.....	396	140	256	23	13	40	12	25	14	14	...	3	4	-	-	-
Wholesalers.....	224	106	118	13	10	18	12	30	9	8	1	2	2	6	15	90
Retail stores owned by the same company.	45	45	...	3	4	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	188	133	55	11	13	9	7	35	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Federal Government.....	18	5	13	1	1	2	40	80	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	7	5	3	(⁴)	(⁴)	(⁴)	17	60	8	8	...	2	2	-	-	-
Other and not specified by class of customer.....	68	14	54	4	1	8	40	60	8	1	7	2	(⁴)	34	100	90
By sales offices, sales branches, and administrative offices, total.....	610	546	64	100	100	100	7	90	177	177	...	100	100	-	-	-
Individuals (household users) and farmers	19	19	(³)	3	4	(⁴)	1	90	...	...	...	-	-	-	-	-
Other manufacturers.....	38	38	...	6	7	-	-	-	168	168	...	94	94	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	194	153	41	32	28	64	15	90	4	4	...	2	2	-	-	-
Wholesalers.....	152	152	...	25	28	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Retail stores owned by the same company.	57	57	...	9	10	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	115	94	21	19	17	33	13	90	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Federal Government.....	(D)	(D)	(³)	(⁷)	(⁷)	(⁴)	1	90	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	15	13	2	2	2	3	9	90	5	5	...	3	3	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹⁴)	(¹⁵)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 28 - Chemicals and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
WOOD CHEMICALS ²									FERTILIZERS ²							
By manufacturing establishments, total....	126	105	21	100	100	100	-	-	883	656	228	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	50	50	...	40	48	-	-	-	157	152	5	18	23	2	3	100
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	15	12	2	2	2	1	17	90
Individuals (household users) and farmers	(D)	(D)	...	(4)	(4)	-	-	-	226	158	68	26	24	30	11	30
Other manufacturing plants of the same company.....	(D)	(D)	...	(16)	(16)	-	-	-	11	9	(S)	1	1	(S)	40	-
Other manufacturers.....	11	10	1	9	9	5	4	100	49	31	(S)	6	5	(S)	50	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	1	(17)	(18)	5	2	90	6	4	3	1	1	1	17	40
Wholesalers.....	34	15	19	27	14	90	20	90	114	80	(S)	13	12	(S)	30	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	15	12	4	2	2	2	20	70
All other retail stores.....	(3)	(3)	...	(4)	(4)	-	-	-	(S)	102	(S)	(S)	16	(S)	-	-
Federal Government.....	(3)	(3)	...	(4)	(4)	-	-	-	1	1	(3)	(4)	(4)	(4)	1	45
Exports.....	(D)	(D)	...	(4)	(4)	-	-	-	14	14	(3)	2	2	(4)	4	90
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	135	82	53	15	12	23	25	50
By sales offices, sales branches, and administrative offices, total.....	52	52	...	100	100	-	-	-	168	161	7	100	100	100	4	100
Individuals (household users) and farmers	(3)	(3)	...	(7)	(7)	-	-	-	47	43	3	28	27	50	8	100
Other manufacturers.....	30	30	...	58	58	-	-	-	15	12	3	9	7	50	25	100
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(15)	(15)	-	-	-	12	12	...	7	7	-	-	-
Wholesalers.....	10	10	...	19	19	-	-	-	73	73	...	44	45	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(7)	(7)	-	-	-	(D)	(D)	...	(15)	(15)	-	-	-
All other retail stores.....	(D)	(D)	...	(7)	(7)	-	-	-	1	1	...	1	1	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Exports.....	(D)	(D)	...	(17)	(17)	-	-	-	(D)	(D)	...	(15)	(15)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	10	10	...	6	6	-	-	-
ANIMAL AND VEGETABLE FAT AND OIL PRODUCTS ²									PRINTING INK ²							
By manufacturing establishments, total....	2,080	1,514	567	100	100	100	-	-	214	168	46	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	123	123	...	6	8	-	-	-	89	89	...	41	53	-	-	-
Separate merchant wholesale establishments of the same company.....	12	6	6	1	(4)	1	50	90	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	54	32	22	3	2	4	14	30	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	275	274	1	13	18	(4)	1	90	6	6	...	3	4	-	-	-
Other manufacturers.....	1,276	868	(S)	61	57	(S)	40	-	46	23	24	21	14	52	50	50
Industrial, construction, institutional, and commercial users; and State and local Governments.....	21	3	18	1	(4)	3	35	35	68	48	20	32	29	43	35	70
Wholesalers.....	224	159	65	11	10	11	8	25	(3)	(3)	(3)	(4)	(4)	(4)	25	100
Retail stores owned by the same company.	2	(D)	(D)	(4)	(19)	(19)	45	100	...	...	...	-	-	-	-	-
All other retail stores.....	27	8	19	1	1	3	30	35	(D)	(D)	...	(7)	(7)	-	-	-
Federal Government.....	3	3	(3)	(4)	(4)	(4)	7	60	(D)	(D)	...	(4)	(4)	-	-	-
Exports.....	33	29	5	2	2	1	8	45	(3)	(3)	(3)	(4)	(4)	(4)	30	100
Other and not specified by class of customer.....	31	(19)	(19)	1	(19)	(19)	12	16	(S)	...	3	(S)	-	6	-	100
By sales offices, sales branches, and administrative offices, total.....	143	143	...	100	100	-	-	-	89	89	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	119	119	...	83	83	-	-	-	(D)	(D)	...	(18)	(18)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	1	...	(4)	(4)	-	-	-	(D)	(D)	...	(20)	(20)	-	-	-
Wholesalers.....	21	21	...	15	15	-	-	-	(D)	(D)	...	(16)	(16)	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	1	1	...	(4)	(4)	-	-	-	(D)	(D)	...	(15)	(15)	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Exports.....	1	1	...	1	1	-	-	-	1	1	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 28 - Chemicals and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
TOILET PREPARATIONS ²																
By manufacturing establishments, total....	1,089	963	125	100	100	100	-	-	230	154	75	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	541	541	...	50	56	-	-	-	33	33	...	14	21	-	-	-
Separate merchant wholesale establishments of the same company.....	9	9	...	1	1	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Individuals (household users) and farmers	13	5	(S)	1	1	(S)	30	-	(3)	(3)	...	(4)	(4)	-	-	-
Other manufacturing plants of the same company.....	6	6	...	1	1	-	-	-	25	25	...	11	16	-	-	-
Other manufacturers.....	19	8	(S)	2	1	(S)	35	-	93	39	(S)	40	25	(S)	30	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	4	4	(3)	(4)	(4)	(4)	1	70	48	33	15	21	21	20	15	80
Wholesalers.....	196	156	40	18	16	32	6	50	18	16	2	8	10	3	3	50
Retail stores owned by the same company.	4	4	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	172	122	50	16	13	40	11	60	3	2	1	1	1	1	20	90
Federal Government.....	7	7	(3)	1	1	(4)	1	90	1	(3)	1	(4)	(4)	1	35	80
Exports.....	4	4	1	(4)	(4)	(4)	5	70	5	4	1	2	2	1	10	90
Other and not specified by class of customer.....	112	98	15	10	10	12	6	70	2	2	(3)	1	1	(4)	2	90
By sales offices, sales branches, and administrative offices, total.....	590	590	...	100	100	-	-	-	34	34	...	100	100	-	-	-
Individuals (household users) and farmers	4	4	...	1	1	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other manufacturers.....	6	6	...	1	1	-	-	-	16	16	...	47	47	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	1	...	(4)	(4)	-	-	-	(D)	(D)	...	(21)	(21)	-	-	-
Wholesalers.....	150	150	...	25	25	-	-	-	6	6	...	18	18	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
All other retail stores.....	276	276	...	47	47	-	-	-	3	3	...	9	9	-	-	-
Federal Government.....	7	7	...	1	1	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Exports.....	6	6	...	1	1	-	-	-	1	1	...	3	3	-	-	-
Other and not specified by class of customer.....	139	139	...	24	24	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
CARBON BLACK ²																
By manufacturing establishments, total....	123	123	...	100	100	-	-	-	294	280	14	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	43	43	...	35	35	-	-	-	191	191	...	65	68	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(3)	(3)	(3)	(4)	(4)	(4)	5	90
Other manufacturing plants of the same company.....	(D)	(D)	...	(7)	(7)	-	-	-	1	1	...	1	1	-	-	-
Other manufacturers.....	59	59	...	48	48	-	-	-	19	16	2	6	6	14	10	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	7	7	...	6	6	-	-	-	48	45	3	16	16	21	4	70
Wholesalers.....	(D)	(D)	...	(7)	(7)	-	-	-	18	11	7	6	4	50	25	60
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	3	1	2	1	1	14	50	90
Federal Government.....	...	...	...	-	-	-	-	-	10	10	(3)	3	3	2	2	70
Exports.....	11	11	...	9	9	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(4)	(4)	-	-	-	2	2	(3)	1	1	3	18	100
By sales offices, sales branches, and administrative offices, total.....	48	48	...	100	100	-	-	-	212	212	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	33	33	...	69	69	-	-	-	83	83	...	39	39	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(18)	(18)	-	-	-	70	70	...	33	33	-	-	-
Wholesalers.....	(D)	(D)	...	(7)	(7)	-	-	-	37	37	...	17	17	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Federal Government.....	(D)	(D)	...	(4)	(4)	-	-	-	11	11	...	5	5	-	-	-
Exports.....	(D)	(D)	...	(22)	(22)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(10)	(10)	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
COMPRESSED AND LIQUIFIED GASES ²																
By manufacturing establishments, total....	123	123	...	100	100	-	-	-	294	280	14	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	43	43	...	35	35	-	-	-	191	191	...	65	68	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(3)	(3)	(3)	(4)	(4)	(4)	5	90
Other manufacturing plants of the same company.....	(D)	(D)	...	(7)	(7)	-	-	-	1	1	...	1	1	-	-	-
Other manufacturers.....	59	59	...	48	48	-	-	-	19	16	2	6	6	14	10	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	7	7	...	6	6	-	-	-	48	45	3	16	16	21	4	70
Wholesalers.....	(D)	(D)	...	(7)	(7)	-	-	-	18	11	7	6	4	50	25	60
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	3	1	2	1	1	14	50	90
Federal Government.....	...	...	...	-	-	-	-	-	10	10	(3)	3	3	2	2	70
Exports.....	11	11	...	9	9	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(4)	(4)	-	-	-	2	2	(3)	1	1	3	18	100
By sales offices, sales branches, and administrative offices, total.....	48	48	...	100	100	-	-	-	212	212	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	33	33	...	69	69	-	-	-	83	83	...	39	39	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(18)	(18)	-	-	-	70	70	...	33	33	-	-	-
Wholesalers.....	(D)	(D)	...	(7)	(7)	-	-	-	37	37	...	17	17	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Federal Government.....	(D)	(D)	...	(4)	(4)	-	-	-	11	11	...	5	5	-	-	-
Exports.....	(D)	(D)	...	(22)	(22)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(10)	(10)	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 28 - Chemicals and Allied Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
INSECTICIDES AND FUNGICIDES FOR AGRICULTURAL USE ²									ALL OTHER CHEMICAL PRODUCTS ²							
By manufacturing establishments, total....	287	231	57	100	100	100	-	-	1,096	956	141	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	197	165	31	68	72	56	8	90	402	399	3	37	42	2	16	80
Separate merchant wholesale establishments of the same company.....	(D)	(D)	1	(4)	(4)	1	40	80	25	24	1	2	2	1	9	90
Individuals (household users) and farmers	22	15	7	8	6	13	11	70	12	11	(3)	1	1	(4)	4	60
Other manufacturing plants of the same company.....	1	1	...	(4)	1	-	-	-	25	25	...	2	3	-	-	-
Other manufacturers.....	22	15	7	8	7	12	13	80	5344	5305	539	531	532	528	56	519
Industrial, construction, institutional, and commercial users; and State and local Governments.....	4	(3)	4	1	(4)	6	35	80								
Wholesalers.....	26	22	4	9	10	7	3	45	139	114	25	13	12	18	12	25
Retail stores owned by the same company.	(D)	(D)	...	(4)	(4)	-	-	-	3	3	...	(4)	(4)	-	-	-
All other retail stores.....	3	3	(3)	1	1	(4)	2	80	30	25	5	3	3	4	13	30
Federal Government.....	3	1	2	1	(4)	3	25	80	6	5	1	1	1	1	30	50
Exports.....	4	4	1	1	2	1	6	70	31	31	1	3	3	1	2	30
Other and not specified by class of customer.....	4	4	...	1	2	-	-	-	78	14	65	7	1	46	15	7
By sales offices, sales branches, and administrative offices, total.....	226	194	31	100	100	100	6	90	482	478	4	100	100	100	14	70
Individuals (household users) and farmers	39	8	31	17	4	100	40	90	8	8	(3)	2	2	(4)	1	60
Other manufacturers.....	34	34	...	15	17	-	-	-	5182	5179	54	538	537	592	54	570
Industrial, construction, institutional, and commercial users; and State and local Governments.....	13	13	...	6	7	-	-	-								
Wholesalers.....	100	100	...	44	51	-	-	-	210	210	...	44	44	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(9)	(23)	-	-	-	2	2	(3)	1	1	(4)	1	90
All other retail stores.....	(D)	(D)	...	(4)	(4)	-	-	-	34	34	(3)	7	7	4	1	90
Federal Government.....	4	4	...	2	2	-	-	-	5	5	(3)	1	1	1	1	25
Exports.....	25	25	...	11	13	-	-	-	12	12	(3)	2	2	3	3	90
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	28	28	...	6	6	-	-	-
Shipments and sales to the designated class of customer									SELECTED LARGE COMPANIES ONLY ¹²							
									Packaged soaps and detergents	Glycerin	Bulk soaps and detergents	Percent of total				
									A	B	C	A	B	C		
By manufacturing establishments, total.....	1,168	60	220	100	100	100										
Sales offices, sales branches, and administrative offices of the same company.....	1,030	48	148	88	80	67										
Separate merchant wholesale establishments of the same company.....	3	...	8	(4)	-	4										
Individuals (household users) and farmers.....	(3)	...	2	(4)	-	1										
Other manufacturing plants of the same company.....	1	(D)	(D)	(4)	(7)	(7)										
Other manufacturers.....	16	9	12	1	15	6										
Industrial, construction, institutional, and commercial users; and State and local Governments.....	20	(3)	20	2	(4)	9										
Wholesalers.....	63	1	17	5	2	8										
Retail stores owned by the same company.....	5	...	(3)	(4)	-	(4)										
All other retail stores.....	13	(D)	(D)	1	(7)	(4)										
Federal Government.....	5	...	2	(4)	-	1										
Exports.....	1	...	3	(4)	-	1										
Other and not specified by class of customer.....	10	(3)	6	1	(4)	3										
By sales offices, sales branches, and administrative offices, total.....	1,049	48	159	100	100	100										
Individuals (household users) and farmers.....	(D)	...	(D)	(4)	-	(4)										
Other manufacturers.....	10	44	102	1	92	64										
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	26	(13)	(10)	16										
Wholesalers.....	396	(D)	(D)	38	(15)	(22)										
Retail stores owned by the same company.....	(3)	...	(3)	(4)	-	(4)										
All other retail stores.....	596	(D)	(D)	57	(4)	(13)										
Federal Government.....	4	(D)	(D)	(4)	(4)	(7)										
Exports.....	11	(3)	5	1	(7)	3										
Other and not specified by class of customer.....	14	...	4	1	-	3										

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-41

FOOTNOTES FOR MAJOR GROUP 28

D Withheld to avoid disclosure of figures for individual companies.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard error shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete census totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
Industrial inorganic chemicals.....	28110-28197
Industrial organic chemicals.....	28210, 28221, 28222, 28223, 28291-28296
Plastics materials.....	28231-28236
Synthetic (chemical) rubbers.....	28240
Synthetic fibers.....	28251, 28252, and 28253
Explosives.....	28260
Biological and pharmaceutical products.....	28310, 28341-28346
Medicinal chemicals, including botanicals.....	28320-28332
Soaps and detergents, packaged (individual containers of 25 lbs. or less; 1 gallon or less).....	28411, 28413, 28421, and 28423
Glycerin.....	28414
Bulk soaps and detergents (individual containers of over 25 lbs. or over 1 gallon).....	28412, 28422, and 28425
Polishing preparations and related products.....	28424
Paints, varnishes, and lacquers.....	28511 and 28512
Inorganic color pigments.....	28521, 28522, and 28523
Wood chemicals.....	28610-28652
Fertilizers.....	28711, 28712, and 28713
Animal and vegetable fat and oil products.....	28810-28893
Printing ink.....	28910
Toilet preparations.....	28931-28934
Glue and gelatin.....	28941 and 28942
Carbon black.....	28951 and 28952
Compressed and liquefied gases.....	28961-28964
Insecticides and fungicides for agricultural use.....	28970
All other chemical products.....	28530, 28920, 28980-28993

³Less than \$1 million.

⁴Less than 1 percent.

⁵The categories "Other manufacturers" and "Industrial, construction, institutional, and commercial users, and State and local Governments" have been merged because of unreliability of separate reporting of these two customer classes.

⁶The combined total of these customer classes amounts to \$24 million; of which the category "retail stores owned by the same company" comprises approximately 3 percent.

⁷Approximately 1 percent.

⁸The combined total of these customer classes amounts to \$14 million, of which the category "Individuals and farmers" comprises approximately 45 percent.

⁹Approximately 5 percent.

¹⁰Approximately 4 percent.

¹¹The combined total of these customer classes amounts to \$43 million, of which the category "Retail stores owned by the same company" comprises approximately 2 percent.

¹²The end of this table shows a breakdown for selected large companies between (a) soaps and detergents, packaged (individual containers of 25 lbs. or less; 1 gallon or less), (b) glycerin, and (c) bulk soaps and detergents (individual containers of over 25 lbs. or over 1 gallon.) The sum of this separate information is less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report this breakdown but only the total.

¹³Approximately 2 percent.

¹⁴Approximately 35 percent.

¹⁵Approximately 3 percent.

¹⁶Approximately 8 percent.

¹⁷Approximately 17 percent.

¹⁸Approximately 20 percent.

¹⁹The combined total of these customer classes amounts to \$11 million in column B and \$22 million in column C, of which the category "Retail stores owned by the same company" comprises approximately 11 percent and 4 percent, respectively.

²⁰Approximately 60 percent.

²¹Approximately 25 percent.

²²Approximately 11 percent.

²³Approximately 6 percent.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 29 — Petroleum and Coal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PETROLEUM PRODUCTS ^{2 3}									FUEL BRIQUETS AND PACKAGED FUEL, AND OTHER PRODUCTS OF PETROLEUM AND COAL ³							
By manufacturing establishments, total....	13,251	13,024	227	100	100	100	-	-	333	134	199	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,778	1,778	(4)	13	14	(5)	1	80	39	39	...	12	29	-	-	-
Separate merchant wholesale establishments of the same company.....	7,813	7,810	3	59	60	1	1	100	7	7	...	2	5	-	-	-
Individuals (household users) and farmers	25	25	...	(5)	(5)	-	-	-	2	(4)	2	1	(5)	1	35	50
Other manufacturing plants of the same company.....	467	464	3	4	4	1	1	100	8	8	...	2	6	-	-	-
Other manufacturers.....	476	476	(4)	4	4	(5)	1	80	13	7	6	4	5	3	20	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	544	458	86	4	4	38	21	80	190	40	151	57	30	76	9	17
Wholesalers.....	1,599	1,466	133	12	11	59	13	80	30	13	17	9	10	9	19	50
Retail stores owned by the same company.	9	9	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	208	208	...	2	2	-	-	-	20	2	17	6	1	9	25	40
Federal Government.....	222	220	2	2	2	1	-	100	2	1	1	1	1	1	25	70
Exports.....	77	76	(4)	1	1	(5)	1	100	12	12	...	4	9	-	-	-
Other and not specified by class of customer.....	35	35	(4)	(5)	(5)	(5)	1	80	11	6	5	3	4	2	25	80
By sales offices, sales branches, and administrative offices, total.....	2,397	2,397	(4)	100	100	100	1	80	46	46	...	100	100	-	-	-
Individuals (household users) and farmers	59	59	...	2	2	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	196	196	...	8	8	-	-	-	29	29	...	62	62	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	700	699	(4)	29	29	100	1	80	13	13	...	29	29	-	-	-
Wholesalers.....	806	806	...	34	34	-	-	-	2	2	...	5	5	-	-	-
Retail stores owned by the same company.	71	71	...	3	3	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	308	308	...	13	13	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Federal Government.....	133	133	...	6	6	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Exports.....	97	97	...	4	4	-	-	-	(D)	(D)	...	(6)	(6)	-	-	-
Other and not specified by class of customer.....	28	28	...	1	1	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
ROOFING FELTS AND COATINGS ³									LUBRICANTS, OILS, AND GREASES ³							
By manufacturing establishments, total....	408	364	44	100	100	100	-	-	883	719	163	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	233	233	...	57	64	-	-	-	231	230	(4)	26	32	(5)	1	80
Separate merchant wholesale establishments of the same company.....	7	7	...	2	2	-	-	-	225	225	...	25	31	-	-	-
Individuals (household users) and farmers	3	(D)	(D)	1	(5)	(7)	7	100	4	2	2	(5)	(5)	1	18	80
Other manufacturing plants of the same company.....	5	5	...	1	1	-	-	-	40	40	...	4	6	-	-	-
Other manufacturers.....	12	12	...	3	3	-	-	-	62	34	28	7	5	17	10	45
Industrial, construction, institutional, and commercial users; and State and local Governments.....	25	8	17	6	2	39	7	60	59	19	40	7	7	24	8	24
Wholesalers.....	92	82	10	22	22	23	1	45	157	103	54	18	14	33	5	30
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
All other retail stores.....	20	5	15	5	1	34	14	100	22	5	17	2	1	10	24	60
Federal Government.....	(4)	(4)	...	(5)	(5)	-	-	-	7	7	(4)	1	1	-	1	40
Exports.....	(4)	(4)	...	(5)	(5)	-	-	-	51	47	4	6	6	2	2	50
Other and not specified by class of customer.....	10	10	...	2	3	-	-	-	(10)	(10)	18	(10)	(10)	11	30	80
By sales offices, sales branches, and administrative offices, total.....	252	252	...	100	100	-	-	-	305	304	(4)	100	100	100	1	80
Individuals (household users) and farmers	(D)	(D)	...	(5)	(5)	-	-	-	23	23	...	8	8	-	-	-
Other manufacturers.....	(D)	(D)	...	(8)	(8)	-	-	-	36	36	...	12	12	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	25	25	...	10	10	-	-	-	71	71	(S)	23	23	(S)	1	-
Wholesalers.....	191	191	...	76	76	-	-	-	76	76	(4)	25	25	41	1	80
Retail stores owned by the same company.	(D)	(D)	...	(5)	(5)	-	-	-	(D)	(D)	...	(9)	(9)	-	-	-
All other retail stores.....	(D)	(D)	...	(9)	(9)	-	-	-	39	39	(4)	13	13	5	1	80
Federal Government.....	(4)	(4)	...	(5)	(5)	-	-	-	4	4	...	1	1	-	-	-
Exports.....	2	2	...	1	1	-	-	-	50	50	...	16	16	-	-	-
Other and not specified by class of customer.....	(4)	(4)	...	(5)	(5)	-	-	-	(D)	(D)	...	(9)	(9)	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-43

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 2⁰ - Petroleum and Coal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	Gasoline and kerosene	Fuel oil (distillate and residual)	Asphalt	Other petroleum products	Percent of total for columns—			
	(A)	(B)	(C)	(D)	A	B	C	D
SELECTED LARGE COMPANIES ONLY ²								
By manufacturing establishments, total.....	8,108	3,270	243	1,284	100	100	100	100
Sales offices, sales branches, and administrative offices of the same company..	822	637	119	200	10	20	49	16
Separate merchant wholesale establishments of the same company.....	5,579	1,815	60	355	69	56	25	28
Individuals (household users) and farmers.....	11	12	(D)	(D)	(⁵)	(⁵)	(⁵)	(⁵)
Other manufacturing plants of the same company.....	118	40	1	305	1	1	1	24
Other manufacturers.....	150	103	8	176	2	3	3	14
Industrial, construction, institutional, and commercial users; and State and local Governments.....	109	197	39	110	1	6	16	9
Wholesalers.....	916	360	16	123	11	11	7	10
Retail stores owned by the same company.....	9	(⁴)	...	...	(⁵)	(⁵)	-	-
All other retail stores.....	174	25	...	2	2	1	-	(⁵)
Federal Government.....	179	26	(⁴)	1	2	1	(⁵)	(⁵)
Exports.....	26	38	(D)	(D)	(⁵)	1	(⁵)	(⁹)
Other and not specified by class of customer.....	15	16	(⁴)	4	(⁵)	(⁵)	(⁵)	(⁵)
By sales offices, sales branches, and administrative offices, total.....	1,053	920	145	279	100	100	100	100
Individuals (household users) and farmers.....	33	23	(⁴)	2	3	2	(⁵)	1
Other manufacturers.....	47	50	22	76	4	6	15	27
Industrial, construction, institutional, and commercial users; and State and local Governments.....	139	328	109	123	13	36	75	44
Wholesalers.....	451	301	12	41	43	33	8	15
Retail stores owned by the same company.....	(D)	(D)	...	(⁴)	(¹¹)	(⁷)	-	(⁵)
All other retail stores.....	169	(D)	(⁴)	13	16	(¹²)	(⁵)	(⁵)
Federal Government.....	93	32	(D)	(D)	9	3	(⁹)	(⁷)
Exports.....	71	(D)	(D)	14	7	(⁹)	(⁹)	5
Other and not specified by class of customer.....	(¹¹)	(D)	(D)	(D)	(¹¹)	(⁷)	(⁵)	(⁹)

D Withheld to avoid disclosure of figures for individual companies.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard error shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete canvass totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²The end of this table shows a breakdown reported by selected large companies among the following products: (a) gasoline and kerosene, (b) fuel oil (distillate and residual), (c) asphalt, and (d) other petroleum products. The sum of the separate information is less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report this breakdown but only the total.³Census old SIC 5-digit product classes included in each product group.

Product group title	Product classes included in the group
PETROLEUM AND COAL PRODUCTS	
Gasoline and kerosene.....	29111 and 29112
Fuel oil (distillate and residual).....	29113 and 29114
Asphalt.....	29117
Other petroleum products.....	29115, 29116, 29118, and 29119
Fuel briquets and packaged fuel, and other products of petroleum and coal.....	29510 and 29991, 29992 and 29993
Roofing felts and coatings.....	29521, 29522, and 29523
Lubricants, oils, and greases.....	29921 and 29922

⁴Less than \$1 million.⁵Less than 1 percent.⁶Approximately 4 percent.⁷Approximately 3 percent.⁸Approximately 11 percent.⁹Approximately 1 percent.¹⁰The combined total of these customer classes amounts to \$26 million in column A and \$8 million in column B, of which the category "retail stores owned by the same company" comprises approximately 6 percent and 17 percent, respectively.¹¹The combined total of these customer classes amounts to \$49 million, of which the category "retail stores owned by the same company" comprises approximately 90 percent.¹²Approximately 14 percent.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 30 - Rubber and Plastics Products, NEC

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
TIRES AND INNER TUBES ²									RUBBER FOOTWEAR ²							
By manufacturing establishments, total....	1,964	1,964	...	100	100	-	-	-	214	212	2	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,089	1,089	...	55	55	-	-	-	120	120	...	56	56	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Individuals (household users) and farmers	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Other manufacturers.....	369	369	...	19	19	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	14	14	...	1	1	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Wholesalers.....	238	238	...	12	12	-	-	-	53	51	2	25	24	100	4	90
Retail stores owned by the same company.	(D)	(D)	...	(5)	(5)	-	-	-	1	1	...	(4)	(4)	-	-	-
All other retail stores.....	139	139	...	7	7	-	-	-	26	26	...	12	12	-	-	-
Federal Government.....	49	49	...	2	2	-	-	-	1	1	...	(4)	(4)	-	-	-
Exports.....	44	44	...	2	2	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	4	4	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
By sales offices, sales branches, and administrative offices, total.....	1,185	1,185	...	100	100	-	-	-	130	130	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	(D)	(D)	...	(6)	(6)	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	32	32	...	3	3	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Wholesalers.....	330	330	...	28	28	-	-	-	(D)	(D)	...	(8)	(8)	-	-	-
Retail stores owned by the same company.	243	243	...	20	20	-	-	-	(D)	(D)	...	(9)	(9)	-	-	-
All other retail stores.....	402	402	...	34	34	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Federal Government.....	21	21	...	2	2	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Exports.....	7	7	...	1	1	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(5)	(5)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
RECLAIMED RUBBER ²									ALL OTHER RUBBER PRODUCTS ²							
By manufacturing establishments, total....	48	46	2	100	100	100	-	-	1,940	1,740	200	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(11)	(11)	-	-	-	514	514	...	26	30	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	11	11	...	1	1	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(6)	(6)	-	-	-	1	(3)	(3)	(4)	(4)	(4)	20	60
Other manufacturing plants of the same company.....	15	15	...	31	32	-	-	-	105	105	...	5	6	-	-	-
Other manufacturers.....	24	22	2	50	48	100	20	90	605	524	81	31	30	40	3	25
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	126	100	26	6	6	13	9	45
Wholesalers.....	2	2	...	4	4	-	-	-	394	333	60	20	19	30	4	25
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	3	3	...	(4)	(4)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	68	58	10	3	3	5	7	50
Federal Government.....	...	...	...	-	-	-	-	-	31	31	(3)	2	2	(4)	1	45
Exports.....	(D)	(D)	...	(5)	(5)	-	-	-	26	25	1	1	1	1	2	45
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	56	34	22	3	2	11	20	60
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	100	100	-	-	-	545	545	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	(D)	(D)	...	(12)	(12)	-	-	-	194	194	...	36	36	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	32	32	...	6	6	-	-	-
Wholesalers.....	(D)	(D)	...	(13)	(13)	-	-	-	170	170	...	31	31	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	53	53	...	10	10	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	71	71	...	13	13	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	16	16	...	3	3	-	-	-
Exports.....	...	...	...	-	-	-	-	-	5	5	...	1	1	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

FOOTNOTES FOR MAJOR GROUP 30

D Withheld to avoid disclosure of figures for individual companies.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard error shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete census totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
<u>RUBBER PRODUCTS</u>	
Tires and inner tubes.....	30110
Rubber footwear.....	30210
Reclaimed rubber.....	30310
All other rubber products.....	30991-30999

³Less than \$1 million.

⁴Less than 1 percent.

⁵Approximately 1 percent.

⁶Approximately 11 percent.

⁷Approximately 3 percent.

⁸Approximately 60 percent.

⁹Approximately 2 percent.

¹⁰Approximately 30 percent.

¹¹Approximately 4 percent.

¹²Approximately 90 percent.

¹³Approximately 17 percent.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 31 - Leather and Leather Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
LEATHER TANNING AND FINISHING ²																
By manufacturing establishments, total....	634	512	123	100	100	100	-	-	60	47	13	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	53	53	...	8	11	-	-	-	17	17	...	28	36	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	96	96	...	15	20	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Other manufacturers.....	430	328	102	68	63	83	7	30	28	20	8	46	41	64	90	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(3)	(3)	(3)	(4)	(4)	(4)	14	90	...	...	...	-	-	-	-	-
Wholesalers.....	17	11	6	3	2	5	30	70	6	1	5	9	2	36	20	70
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	2	2	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
Exports.....	8	6	2	1	1	2	17	60	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	27	15	13	5	3	10	40	80	(5)	(5)	...	(5)	(5)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	60	60	...	100	100	-	-	-	17	17	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	24	24	...	40	40	-	-	-	10	10	...	59	59	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(6)	(6)	-	-	-
Wholesalers.....	27	27	...	45	45	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(3)	(3)	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Exports.....	1	1	...	2	2	-	-	-	(3)	(3)	...	1	1	-	-	-
Other and not specified by class of customer.....	9	9	...	14	14	-	-	-	...	...	...	-	-	-	-	-
FOOTWEAR, CUT STOCK, AND FINDINGS ²																
By manufacturing establishments, total....	239	(8)	(8)	100	100	100	-	-	2,013	1,809	204	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	5	(8)	(8)	2	(8)	(8)	xxx	xxx	611	611	...	30	33	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	3	(4)	(4)	2	14	60
Other manufacturing plants of the same company.....	51	(8)	(8)	21	(8)	(8)	xxx	xxx	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	172	(8)	(8)	72	(8)	(8)	xxx	xxx	6	4	2	(4)	(4)	1	15	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	1	1	(3)	(4)	(4)	(4)	12	80
Wholesalers.....	6	(8)	(8)	2	(8)	(8)	xxx	xxx	281	222	60	14	12	29	25	18
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	45	45	...	2	2	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	955	839	116	47	46	57	13	15
Federal Government.....	...	...	...	-	-	-	-	-	24	24	(3)	1	1	(4)	1	60
Exports.....	...	...	...	-	-	-	-	-	3	3	1	(4)	(4)	(4)	70	60
Other and not specified by class of customer.....	5	(8)	(8)	2	(8)	(8)	xxx	xxx	67	45	22	3	2	11	70	30
By sales offices, sales branches, and administrative offices, total.....	7	(8)	(8)	100	100	100	xxx	xxx	880	880	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	10	10	...	1	1	-	-	-
Other manufacturers.....	3	(8)	(8)	47	(8)	(8)	xxx	xxx	(D)	(D)	...	(4)	(4)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	5	5	...	1	1	-	-	-
Wholesalers.....	(D)	(8)	(8)	(9)	(8)	(8)	xxx	xxx	32	32	...	4	4	-	-	-
Retail stores owned by the same company.	(D)	(8)	(8)	(10)	(8)	(8)	xxx	xxx	174	174	...	20	20	-	-	-
All other retail stores.....	(D)	(8)	(8)	(11)	(8)	(8)	xxx	xxx	651	651	...	74	74	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	1	1	...	(4)	(4)	-	-	-
Exports.....	(D)	(8)	(8)	(4)	(8)	(8)	xxx	xxx	4	4	...	1	1	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 31 - Leather and Leather Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
HOUSE SLIPPERS ²									SUITCASES, BRIEFCASES, BAGS, AND TRUNKS ²							
By manufacturing establishments, total....	116	64	51	100	100	100	-	-	180	90	90	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(12)	(13)	-	-	-	8	8	...	5	9	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Individuals (household users) and farmers	(3)	(3)	(3)	(4)	(4)	(4)	80	90	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturing plants of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(3)	...	(3)	(4)	-	(4)	90	90	2	2	...	1	3	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(3)	...	(3)	(4)	-	(4)	90	90	1	1	...	(4)	1	-	-	-
Wholesalers.....	18	10	8	16	16	15	14	30	34	5	30	19	5	33	40	70
Retail stores owned by the same company.	(D)	(D)	...	(10)	(10)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	86	48	38	74	75	73	18	40	119	64	55	66	71	61	15	50
Federal Government.....	3	(3)	2	2	1	5	70	80	6	(3)	6	3	(4)	7	60	100
Exports.....	(D)	(D)	...	(10)	(10)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	5	2	3	4	3	6	45	70	8	8	...	5	9	-	-	-
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	100	100	-	-	-	9	9	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	(3)	(3)	...	(12)	(12)	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(14)	(14)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(15)	(15)	-	-	-	...	...	...	97	97	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(3)	(3)	...	(10)	(10)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Shipments and sales to the designated class of customer									WOMEN'S HANDBAGS AND PURSES ²							
By manufacturing establishments, total.....	214	87	127	100	100	100	-	-	214	87	127	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company.....	9	9	...	4	10	-	-	-	9	9	...	4	10	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other manufacturing plants of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	6	3	3	3	3	3	35	80	6	3	3	3	3	35	80	
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(3)	(3)	(3)	(4)	(4)	(4)	13	100	(3)	(3)	(3)	(4)	(4)	-	-	-
Wholesalers.....	39	7	32	18	8	25	40	60	39	7	32	18	8	25	40	60
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	131	64	67	61	73	53	11	30	131	64	67	61	73	53	11	30
Federal Government.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Exports.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	29	4	25	13	5	19	40	70	29	4	25	13	5	19	40	70
By sales offices, sales branches, and administrative offices, total.....	10	10	...	100	100	-	-	-	10	10	...	100	100	-	-	-
Individuals (household users) and farmers.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Retail stores owned by the same company.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
All other retail stores.....	10	10	...	99	99	-	-	-	10	10	...	99	99	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Exports.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

D Withheld to avoid disclosure of figures for individual companies.

Note: Detail in columns and rows may not add to total because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

Footnotes continued on next page.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 31

¹The percentage standard error shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately two times out of three.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
LEATHER AND LEATHER GOODS	
Leather tanning and finishing.....	31111-31115
Industrial leather products.....	31211, 31212, and 31213
Footwear cut stock and findings.....	31311 and 31312
Footwear, except rubber.....	31411-31417
House slippers.....	31420
Suitcases, briefcases, bags, and trunks.....	31610
Women's handbags and purses.....	31710

³Less than \$1 million.

⁴Less than 1 percent.

⁵The combined total of the customer classes amounts to \$10 million in columns A and B of which the category "Other manufacturing plants of the same company" comprises approximately 45 percent.

⁶Approximately 6 percent.

⁷Approximately 35 percent.

⁸Withheld from publication because the estimates were considered to be unreliable.

⁹Approximately 11 percent.

¹⁰Approximately 1 percent.

¹¹Approximately 45 percent.

¹²Approximately 2 percent.

¹³Approximately 3 percent.

¹⁴Approximately 25 percent.

¹⁵Approximately 75 percent.

DISTRIBUTION OF MANUFACTURERS' SALES

10-49

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 32 - Stone, Clay and Glass Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
FLAT GLASS PRODUCTS ²									GLASS CONTAINERS ²							
By manufacturing establishments, total....	804	674	130	100	100	100	-	-	842	842	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	285	285	...	35	42	-	-	-	559	559	...	66	66	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(³)	(³)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	(D)	(D)	(⁴)	(³)	(³)	(³)	25	60	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	88	88	...	11	13	-	-	-	14	14	...	2	2	-	-	-
Other manufacturers.....	179	166	13	22	25	10	3	40	6210	6210	...	625	625	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	26	6	20	3	1	15	30	40			...	6	6	-	-	-
Wholesalers.....	128	89	39	16	13	30	12	45	51	51	...	6	6	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	41	14	27	5	2	21	35	50	(D)	(D)	...	(³)	(³)	-	-	-
Federal Government.....	2	(⁴)	2	(³)	(³)	1	50	60	(D)	(D)	...	(³)	(³)	-	-	-
Exports.....	9	8	1	1	1	(³)	4	70	1	1	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	44	15	28	6	2	22	35	60	(D)	(D)	...	(³)	(³)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	328	328	...	100	100	-	-	-	569	569	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(³)	(³)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	1	1	...	(³)	(³)	-	-	-	6540	6540	...	695	695	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	166	166	...	51	51	-	-	-			...	(⁷)	(⁷)	-	-	-
Wholesalers.....	106	106	...	32	32	-	-	-	(D)	(D)	...	(⁷)	(⁷)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Federal Government.....	2	2	...	1	1	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	10	10	...	2	2	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
PRESSED AND BLOWN GLASSWARE, EXCEPT CONTAINERS ²									HYDRAULIC CEMENT ²							
By manufacturing establishments, total....	443	433	10	100	100	100	-	-	1,039	1,039	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	324	324	...	73	75	-	-	-	607	607	...	58	58	-	-	-
Separate merchant wholesale establishments of the same company.....	(⁴)	(⁴)	...	(³)	(³)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Individuals (household users) and farmers	(⁴)	(⁴)	...	(³)	(³)	-	-	-	(⁴)	(⁴)	...	(³)	(³)	-	-	-
Other manufacturing plants of the same company.....	26	26	...	6	6	-	-	-	33	33	...	3	3	-	-	-
Other manufacturers.....	33	26	(⁸)	7	6	(⁸)	xxx	xxx	130	130	...	13	13	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2	2	...	1	1	-	-	-	138	138	...	13	13	-	-	-
Wholesalers.....	30	27	(⁸)	7	1	(⁸)	xxx	xxx	44	44	...	4	4	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
All other retail stores.....	23	23	...	5	5	-	-	-	42	42	...	4	4	-	-	-
Federal Government.....	(⁴)	(⁴)	(⁸)	(³)	(³)	(⁸)	xxx	xxx	3	3	...	(³)	(³)	-	-	-
Exports.....	3	3	...	1	1	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	2	2	...	1	1	-	-	-	39	39	...	4	4	-	-	-
By sales offices, sales branches, and administrative offices, total.....	325	325	...	100	100	-	-	-	678	678	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(³)	(³)	-	-	-	(⁴)	(⁴)	...	(³)	(³)	-	-	-
Other manufacturers.....	159	159	...	49	49	-	-	-	329	329	...	49	49	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	159	159	...	24	24	-	-	-
Wholesalers.....	75	75	...	23	23	-	-	-	93	93	...	14	14	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	29	29	...	9	9	-	-	-	94	94	...	14	14	-	-	-
Federal Government.....	3	3	...	1	1	-	-	-	2	2	...	(³)	(³)	-	-	-
Exports.....	17	17	...	5	5	-	-	-	1	1	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 32 - Stone, Clay and Glass Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
STRUCTURAL CLAY PRODUCTS, INCLUDING BRICK, HOLLOW TILE, FLOOR AND WALL TILE ²									VITRIFIED CLAY SEWER PIPE AND FITTINGS ²							
By manufacturing establishments, total....	439	261	178	100	100	100	-	-	87	82	5	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	55	51	4	13	20	2	7	100	8	5	(8)	9	7	(8)	xxx	xxx
Separate merchant wholesale establishments of the same company.....	4	4	...	1	2	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Individuals (household users) and farmers	12	3	9	3	1	5	40	50	1	1	...	1	1	-	-	-
Other manufacturing plants of the same company.....	(4)	(4)	(4)	(3)	(3)	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Other manufacturers.....	2	1	(4)	(3)	1	(3)	12	100	1	1	...	1	1	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	136	104	32	31	40	18	9	40	49	49	...	56	60	-	-	-
Wholesalers.....	127	55	72	29	21	40	20	40	15	14	(8)	17	17	(8)	xxx	xxx
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	(8)	-	-	-	-	-
All other retail stores.....	53	15	38	12	6	21	30	50	10	9	(8)	12	11	(8)	xxx	xxx
Federal Government.....	1	1	...	(3)	(3)	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Exports.....	(4)	(4)	...	(3)	(3)	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Other and not specified by class of customer.....	47	26	22	11	10	12	40	80	2	2	...	2	2	-	-	-
By sales offices, sales branches, and administrative offices, total.....	62	54	8	100	100	100	12	100	8	6	(8)	100	100	100	xxx	xxx
Individuals (household users) and farmers	2	(4)	1	3	(3)	19	80	100	(D)	(D)	...	(3)	(3)	-	-	-
Other manufacturers.....	(D)	(D)	...	(3)	(3)	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	35	29	6	56	54	76	20	100	7	4	(8)	88	67	100	xxx	xxx
Wholesalers.....	23	23	(4)	37	42	5	2	100	1	1	...	13	17	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(3)	(3)	-	-	-	(D)	(D)	...	(11)	(12)	-	-	-
Federal Government.....	...	...	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
Exports.....	(D)	(D)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(7)	(9)	-	-	-	...	...	...	-	-	-	-	-
REFRACTORIES, CLAY AND NON-CLAY ²									VITREOUS AND SEMI-VITREOUS PLUMBING FIXTURES AND ACCESSORIES ²							
By manufacturing establishments, total....	362	342	20	100	100	100	-	-	130	130	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	149	149	...	41	44	-	-	-	54	54	...	42	42	-	-	-
Separate merchant wholesale establishments of the same company.....	(4)	(4)	...	(3)	(3)	-	-	-	(D)	(D)	...	(11)	(11)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Other manufacturing plants of the same company.....	11	11	...	3	3	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6161	6141	620	644	641	6100	610	670	1	1	...	1	1	-	-	-
Wholesalers.....	9	9	...	2	3	-	-	-	45	45	...	35	35	-	-	-
Retail stores owned by the same company.	...	...	...	(10)	(10)	-	-	-	(D)	(D)	...	(12)	(12)	-	-	-
All other retail stores.....	(D)	(D)	...	(10)	(10)	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Federal Government.....	2	2	...	1	1	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Exports.....	7	7	...	2	2	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Other and not specified by class of customer.....	21	21	...	6	6	-	-	-	(D)	(D)	...	(9)	(9)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	153	153	...	100	100	-	-	-	57	57	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6132	6132	...	687	687	-	-	-	(D)	(D)	...	(12)	(12)	-	-	-
Wholesalers.....	5	5	...	3	3	-	-	-	50	50	...	88	88	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(10)	(10)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(4)	(4)	...	(3)	(3)	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Exports.....	11	11	...	7	7	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(13)	(13)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-51

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 32 - Stone, Clay and Glass Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PORCELAIN ELECTRICAL SUPPLIES ²									CONCRETE PRODUCTS ²							
By manufacturing establishments, total....	91	91	...	100	100	-	-	-	1,040	248	793	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	23	23	...	25	25	-	-	-	7	7	...	1	3	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(13)	(13)	-	-	-	(D)	(D)	...	(16)	(16)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	122	8	114	12	3	14	8	9
Other manufacturing plants of the same company.....	18	18	...	20	20	-	-	-	2	2	...	(3)	1	-	-	-
Other manufacturers.....	23	23	...	25	25	-	-	-	8	2	6	1	1	1	12	18
Industrial, construction, institutional, and commercial users; and State and local Governments.....	16	16	...	18	18	-	-	-	647	201	446	62	81	56	6	9
Wholesalers.....	7	7	...	8	8	-	-	-	79	5	74	8	2	9	12	14
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(10)	(10)	-	-	-	79	2	77	8	1	10	11	11
Federal Government.....	(4)	(4)	...	(3)	(3)	-	-	-	4	2	2	(3)	1	(3)	23	40
Exports.....	2	2	...	2	2	-	-	-	(4)	...	(4)	(3)	-	(3)	80	90
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(16)	(16)	73	(16)	(16)	9	16	20
By sales offices, sales branches, and administrative offices, total.....	23	23	...	100	100	-	-	-	7	7	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(4)	(4)	...	(10)	(10)	-	-	-
Other manufacturers.....	9	9	...	39	39	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(14)	(14)	-	-	-	6	6	...	86	86	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(3)	(3)	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Exports.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(15)	(15)	-	-	-	(D)	(D)	...	(12)	(12)	-	-	-
MINERAL FIBER (FROM ROCK, SLAG, AND GLASS) AND MINERAL FIBER PRODUCTS ²									ABRASIVE PRODUCTS ²							
By manufacturing establishments, total....	236	219	17	100	100	100	-	-	400	332	68	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	163	163	...	69	74	-	-	-	154	154	...	39	46	-	-	-
Separate merchant wholesale establishments of the same company.....	(4)	(4)	...	(3)	(3)	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(13)	(13)	-	-	-	14	14	...	4	4	-	-	-
Other manufacturers.....	30	25	5	13	11	32	13	90	88	55	33	22	17	48	50	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	8	6	2	3	3	14	17	80	43	20	23	11	6	34	80	100
Wholesalers.....	24	18	6	10	8	38	15	70	61	60	1	15	18	1	1	90
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	6	3	3	2	1	16	25	70	14	14	...	3	4	-	-	-
Federal Government.....	(4)	(4)	(4)	(3)	(3)	(3)	6	100	1	1	...	(3)	(3)	-	-	-
Exports.....	(D)	(D)	(4)	(3)	(3)	(3)	3	90	7	7	...	2	2	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(3)	(3)	-	-	-	17	5	12	4	2	18	100	100
By sales offices, sales branches, and administrative offices, total.....	201	201	...	100	100	-	-	-	161	161	...	100	100	-	-	-
Individuals (household users) and farmers	(4)	(4)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	31	31	...	15	15	-	-	-	41	41	...	25	25	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	73	73	...	36	36	-	-	-	33	33	...	21	21	-	-	-
Wholesalers.....	92	92	...	46	46	-	-	-	72	72	...	45	45	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(3)	(3)	-	-	-	(D)	(D)	...	(3)	(3)	-	-	-
Federal Government.....	1	1	...	(10)	(10)	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Exports.....	2	2	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(3)	(3)	-	-	-	1712	1712	...	178	178	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 32 - Stone, Clay and Glass Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
ASPHALT FLOOR TILE, INCLUDING VINYL ASBESTOS TILE AND OTHER ASBESTOS PRODUCTS ^{2,18}																
By manufacturing establishments, total....	416	385	31	100	100	100	-	-	202	158	44	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	266	266	...	64	69	-	-	-	58	58	...	29	37	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	6	6	...	1	2	-	-	-	3	3	...	1	2	-	-	-
Other manufacturers.....	45	45	...	11	12	-	-	-	48	44	4	24	28	9	3	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	3	(8)	1	1	(8)	xxx	xxx	29	11	19	14	7	43	40	80
Wholesalers.....	86	56	(8)	21	14	(8)	xxx	xxx	46	35	11	23	22	25	12	60
Retail stores owned by the same company.	(D)	(D)	...	(3)	(3)	-	-	-	(19)	(19)	(19)	(19)	(19)	(19)	xxx	xxx
All other retail stores.....	4	4	(8)	1	1	(8)	xxx	xxx	(19)	(19)	(19)	(19)	(19)	(19)	xxx	xxx
Federal Government.....	(4)	(4)	...	(3)	(3)	-	-	-	1	1	(4)	1	1	(10)	25	100
Exports.....	2	2	...	(3)	1	-	-	-	(19)	(19)	(19)	(19)	(19)	(19)	xxx	xxx
Other and not specified by class of customer.....	4	4	...	1	1	-	-	-	19	17	19	10	19	22	50	100
By sales offices, sales branches, and administrative offices, total.....	274	274	...	100	100	-	-	-	65	65	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	44	44	...	16	16	-	-	-	28	28	...	44	44	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	64	64	...	23	23	-	-	-	(D)	(D)	...	(20)	(20)	-	-	-
Wholesalers.....	160	160	...	58	58	-	-	-	17	17	...	26	26	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(3)	(3)	-	-	-	(4)	(4)	...	(3)	(3)	-	-	-
All other retail stores.....	3	3	...	1	1	-	-	-	(4)	(4)	...	(10)	(10)	-	-	-
Federal Government.....	1	1	...	(3)	(3)	-	-	-	(4)	(4)	...	(10)	(10)	-	-	-
Exports.....	3	3	...	1	1	-	-	-	3	3	...	4	4	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	7	7	-	-	-
OTHER NONMETALLIC MINERAL PRODUCTS ²																
By manufacturing establishments, total.....	553	284	268	100	100	100	-	-	...	...	...	...	...	...	...	...
Sales offices, sales branches, and administrative offices of the same company.....	59	59	(4)	11	21	(3)	1	90	...	...	...	...	...	...	...	...
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(3)	(3)	-	-	-	...	...	...	...	...	...	...	...
Individuals (household users) and farmers.....	14	3	11	3	1	4	50	60	...	...	...	...	...	...	...	...
Other manufacturing plants of the same company.....	15	15	...	3	5	-	-	-	...	...	...	...	...	...	...	...
Other manufacturers.....	108	61	46	20	21	17	32	70	...	...	...	...	...	...	...	...
Industrial, construction, institutional, and commercial users; and State and local Governments.....	154	92	63	28	32	23	12	30	...	...	...	...	...	...	...	...
Wholesalers.....	113	17	96	20	6	36	60	70	...	...	...	...	...	...	...	...
Retail stores owned by the same company.....	(D)	(D)	...	(10)	(10)	-	-	-	...	...	...	...	...	...	...	...
All other retail stores.....	49	7	41	9	3	15	35	40	...	...	...	...	...	...	...	...
Federal Government.....	7	3	5	1	1	2	70	100	...	...	...	...	...	...	...	...
Exports.....	1	(4)	(4)	(3)	(3)	(3)	35	90	...	...	...	...	...	...	...	...
Other and not specified by class of customer.....	30	24	6	5	8	2	10	45	...	...	...	...	...	...	...	...
By sales offices, sales branches, and administrative offices, total.....	66	66	(4)	100	100	100	1	90	...	...	...	...	...	...	...	...
Individuals (household users) and farmers.....	(4)	(4)	...	(10)	(10)	-	-	-	...	...	...	...	...	...	...	...
Other manufacturers.....	41	41	...	62	62	-	-	-	...	...	...	...	...	...	...	...
Industrial, construction, institutional, and commercial users; and State and local Governments.....	10	10	...	15	15	-	-	-	...	...	...	...	...	...	...	...
Wholesalers.....	14	14	(4)	21	21	100	1	90	...	...	...	...	...	...	...	...
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-	...	...	...	...	...	...	...	...
All other retail stores.....	(4)	(4)	...	(3)	(3)	-	-	-	...	...	...	...	...	...	...	...
Federal Government.....	(4)	(4)	...	(3)	(3)	-	-	-	...	...	...	...	...	...	...	...
Exports.....	(4)	(4)	...	(3)	(3)	-	-	-	...	...	...	...	...	...	...	...
Other and not specified by class or customer.....	(4)	(4)	...	(10)	(10)	-	-	-	...	...	...	...	...	...	...	...

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 32 - Stone, Clay and Glass Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY ¹⁸			
	Asphalt floor tile, including vinyl asbestos tile	Other asbestos products	Percent of total for column--	Percent of total for column--
	A	B	A	B
By manufacturing establishments, total.....	112	243	100	100
Sales offices, sales branches, and administrative offices of the same company.....	91	175	81	72
Separate merchant wholesale establishments of the same company.....	...	...	-	-
Individuals (household users) and farmers.....	(D)	(D)	(³)	(³)
Other manufacturing plants of the same company.....	(D)	(D)	(¹⁰)	(¹³)
Other manufacturers.....	2	41	1	17
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	2	1	1
Wholesalers.....	12	15	11	6
Retail stores owned by the same company.....	(D)	...	(¹⁰)	-
All other retail stores.....	4	(⁴)	4	(³)
Federal Government.....	(⁴)	(⁴)	(³)	(³)
Exports.....	1	1	1	(¹⁰)
Other and not specified by class of customer.....	...	4	-	2
By sales offices, sales branches, and administrative offices, total.....	98	176	100	100
Individuals (household users) and farmers.....	(D)	(D)	(³)	(³)
Other manufacturers.....	(⁴)	44	(³)	25
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6	58	6	33
Wholesalers.....	88	71	90	40
Retail stores owned by the same company.....	(D)	...	(³)	-
All other retail stores.....	3	...	3	-
Federal Government.....	(⁴)	(⁴)	(³)	(³)
Exports.....	(D)	(D)	(¹⁰)	(¹⁰)
Other and not specified by class of customer.....	...	...	-	-

D Withheld to avoid disclosure of figures for individual companies.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard errors shown in these columns indicate the range of difference that can be expected between the estimates and comparable complete canvass totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always:

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
STONE, CLAY, AND GLASS PRODUCTS	
Flat glass products.....	32111, 32112, 32113, 32311, 32312, and 32313
Glass containers.....	32210
Pressed and blown glassware, except containers.....	32290
Hydraulic cement.....	32410
Structural clay products, including brick hollow tile, floor and wall tile.....	32510, 32530, and 32590
Vitrified clay sewer pipe and fittings.....	32540
Refractories, clay and non-clay.....	32550 and 32970
Vitreous and semi-vitreous plumbing fixtures and accessories.....	32610
Vitreous and earthenware (semi-vitreous) food utensils and pottery products.....	32620, 32630, 32650, 32691, 32692, and 32693
Porcelain electrical supplies.....	32640
Concrete products.....	32711, 32712, and 32713
Mineral fiber (from rock, slag, and glass) and mineral fiber products.....	32750
Abrasive products.....	32911, 32912, and 32913
Asphalt floor tile, including vinyl asbestos tile.....	32923
Other asbestos products.....	32921, 32922, 32924, 32925, and 32926
Gaskets and asbestos insulation.....	32931, 32932, and 32933
Other nonmetallic mineral products.....	32740, 32811-32814, 32951-32953, and 32980-32994

Footnotes continued on next page.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 32

³Less than 1 percent.⁴Less than \$1 million.⁵Approximately 17 percent.⁶The categories "Other manufacturers" and "Industrial, construction, institutional, and commercial users; and State and local Governments" have been combined because the estimates were considered to be unreliable.⁷Approximately 3 percent.⁸Withheld because estimates are considered to be unreliable.⁹Approximately 4 percent.¹⁰Approximately 1 percent.¹¹Approximately 8 percent.¹²Approximately 11 percent.¹³Approximately 2 percent.¹⁴Approximately 17 percent.¹⁵Approximately 45 percent.¹⁶The combined total of these customer classes amounted to \$93 million in column A and \$20 million in column B of which the category "Separate merchant wholesale establishments of the same company" comprised approximately 30 percent and 14 percent respectively.¹⁷The category "exports" has been combined with the category "Other and not specified by class of customer" because the estimates were considered to be unreliable.¹⁸The end of this table shows a breakdown reported by selected large companies into (a) asphalt floor tile including vinyl asbestos tile and (b) other asbestos products. The sum of this separate information is less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report a breakdown but only the total.¹⁹The categories "All other retail stores" and "Exports" have been merged with "Other and not specified by class of customer" because the estimates were considered to be unreliable.²⁰Approximately 25 percent.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 33- Primary Metal Industries

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
BLAST FURNACE, COKE OVEN, STEEL WORKS, AND ROLLING MILL PRODUCTS ^{2 3}																
By manufacturing establishments, total....	12,049	11,899	150	100	100	100	-	-	2,319	2,034	285	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	7,497	7,479	18	62	63	12	1	80	269	269	...	12	13	-	-	-
Separate merchant wholesale establishments of the same company.....	74	74	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	2,601	2,600	(⁴)	22	22	(⁵)	1	75	462	460	2	20	22	1	1	90
Other manufacturers.....	1,468	1,366	103	12	11	68	4	60	1,031	847	185	44	42	65	5	35
Industrial, construction, institutional, and commercial users; and State and local Governments.....	101	98	3	1	1	2	1	70	259	209	50	11	10	18	10	60
Wholesalers.....	186	177	10	2	1	6	2	80	197	164	33	8	8	11	13	80
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	38	37	1	(⁵)	(⁵)	1	2	80	9	9	(⁴)	(⁵)	(⁵)	(⁵)	1	100
Exports.....	27	26	(⁴)	(⁵)	(⁵)	(⁵)	1	90	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	56	42	15	(⁵)	(⁵)	10	20	90	92	76	15	4	4	5	10	60
By sales offices, sales branches, and administrative offices, total.....	7,747	7,729	18	100	100	100	1	80	271	271	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	44	44	...	16	16	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6,490	6,473	618	84	84	100	1	80	203	203	...	75	75	-	-	-
Wholesalers.....	879	879	...	11	11	-	-	-	16	16	...	6	6	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	56	56	...	1	1	-	-	-	3	3	...	1	1	-	-	-
Exports.....	247	247	...	3	3	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	74	74	...	1	1	-	-	-	5	5	...	2	2	-	-	-
NONFERROUS SMELTER AND REFINERY PRODUCTS (INGOT, PIG, SHOT, ETC.-ALLOYED AND UNALLOYED) ²																
By manufacturing establishments, total....	2,906	2,747	159	100	100	100	-	-	2,533	2,279	254	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	972	972	...	33	35	-	-	-	1,438	1,438	...	57	63	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	29	29	...	1	1	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	1,015	1,015	...	35	37	-	-	-	6806	6630	6176	32	28	69	7	70
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6769	6655	6114	26	24	72	10	35	76	57	20	3	2	8	10	80
Wholesalers.....	53	16	37	2	1	23	90	60	157	99	58	6	4	23	12	80
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	43	43	(⁴)	1	2	(⁵)	2	70	6	6	(⁴)	(⁵)	(⁵)	(⁵)	1	80
Exports.....	41	41	...	1	2	-	-	-	14	13	1	1	1	(⁵)	2	80
Other and not specified by class of customer.....	11	4	7	(⁵)	(⁵)	4	90	100	8	8	...	(⁵)	(⁵)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	1,071	1,071	...	100	100	-	-	-	1,473	1,473	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	851	851	...	58	58	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6984	6984	...	69	69	-	-	-	197	197	...	13	13	-	-	-
Wholesalers.....	20	20	...	2	2	-	-	-	380	380	...	26	26	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	224	224	...	21	21	-	-	-	15	15	...	1	1	-	-	-
Exports.....	46	46	...	4	4	-	-	-	14	14	...	1	1	-	-	-
Other and not specified by class of customer.....	46	46	...	4	4	-	-	-	16	16	...	1	1	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 33 - Primary Metal Industries

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
NONFERROUS CASTINGS ²																
By manufacturing establishments, total....	866	491	375	100	100	100	-	-	769	667	102	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	49	49	...	6	10	-	-	-	70	70	...	9	11	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(7)	(7)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	73	73	...	8	15	-	-	-	110	110	...	14	16	-	-	-
Other manufacturers.....	650	289	6314	75	59	84	60	14	6561	441	697	73	66	95	13	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....		46			9					23			3			
Wholesalers.....		19			4					6			(4)		(5)	70
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	5	5	1	1	(5)	(5)	5	60	10	6	4	1	1	4	50	90
Exports.....	2	2	(4)	(5)	(5)	(5)	12	70	2	2	...	(5)	(5)	-	-	-
Other and not specified by class of customer.....	(7)	(7)	48	(7)	(7)	13	50	60	10	10	...	1	1	-	-	-
By sales offices, sales branches, and administrative offices, total.....	56	56	...	100	100	-	-	-	77	77	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	46	46	...	84	84	-	-	-	42	42	...	54	54	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	1	...	2	2	-	-	-	19	19	...	25	25	-	-	-
Wholesalers.....	(D)	(D)	...	(8)	(8)	-	-	-	5	5	...	6	6	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(4)	(4)	...	(5)	(5)	-	-	-	(D)	(D)	...	(9)	(9)	-	-	-
Exports.....	(D)	(D)	...	(9)	(9)	-	-	-	6	6	...	8	8	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
WIRE ²																
By manufacturing establishments, total....	922	898	23	100	100	100	-	-	1,724	1,709	15	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	412	412	...	45	46	-	-	-	1,201	1,201	...	70	70	-	-	-
Separate merchant wholesale establishments of the same company.....	6	6	...	1	1	-	-	-	90	90	...	5	5	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	155	155	...	17	17	-	-	-	105	105	...	6	6	-	-	-
Other manufacturers.....	228	212	17	25	24	71	3	90	139	132	7	8	8	47	9	70
Industrial, construction, institutional, and commercial users; and State and local Governments.....	22	16	7	2	2	29	12	100	103	101	2	6	6	14	4	80
Wholesalers.....	78	78	...	8	9	-	-	-	80	74	6	5	4	37	15	80
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	6	6	...	1	1	-	-	-	2	2	(4)	(5)	(5)	(5)	1	80
Exports.....	3	3	...	(5)	(5)	-	-	-	3	3	...	(5)	(5)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(9)	(9)	-	-	-	...	...	...	-	-	-	-	-
By sales offices, sales branches, and administrative offices, total.....	423	423	...	100	100	-	-	-	1,208	1,208	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	249	249	...	59	59	-	-	-	207	207	...	17	17	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	108	108	...	25	25	-	-	-	347	347	...	29	29	-	-	-
Wholesalers.....	52	52	...	12	12	-	-	-	544	544	...	45	45	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	2	2	...	1	1	-	-	-	4	4	...	(5)	(5)	-	-	-
Exports.....	3	3	...	1	1	-	-	-	64	64	...	5	5	-	-	-
Other and not specified by class of customer.....	9	9	...	2	2	-	-	-	42	42	...	3	3	-	-	-
STEEL PIPE AND TUBING ²																
By manufacturing establishments, total....	922	898	23	100	100	100	-	-	1,724	1,709	15	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	412	412	...	45	46	-	-	-	1,201	1,201	...	70	70	-	-	-
Separate merchant wholesale establishments of the same company.....	6	6	...	1	1	-	-	-	90	90	...	5	5	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	155	155	...	17	17	-	-	-	105	105	...	6	6	-	-	-
Other manufacturers.....	228	212	17	25	24	71	3	90	139	132	7	8	8	47	9	70
Industrial, construction, institutional, and commercial users; and State and local Governments.....	22	16	7	2	2	29	12	100	103	101	2	6	6	14	4	80
Wholesalers.....	78	78	...	8	9	-	-	-	80	74	6	5	4	37	15	80
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	6	6	...	1	1	-	-	-	2	2	(4)	(5)	(5)	(5)	1	80
Exports.....	3	3	...	(5)	(5)	-	-	-	3	3	...	(5)	(5)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(9)	(9)	-	-	-	...	...	...	-	-	-	-	-
By sales offices, sales branches, and administrative offices, total.....	423	423	...	100	100	-	-	-	1,208	1,208	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	249	249	...	59	59	-	-	-	207	207	...	17	17	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	108	108	...	25	25	-	-	-	347	347	...	29	29	-	-	-
Wholesalers.....	52	52	...	12	12	-	-	-	544	544	...	45	45	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(4)	(4)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	2	2	...	1	1	-	-	-	4	4	...	(5)	(5)	-	-	-
Exports.....	3	3	...	1	1	-	-	-	64	64	...	5	5	-	-	-
Other and not specified by class of customer.....	9	9	...	2	2	-	-	-	42	42	...	3	3	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-57

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 33 - Primary Metal Industries

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C
NONFERROUS FORGINGS AND METAL POWDERS ²								
By manufacturing establishments, total.....	201	169	32	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company.....	72	72	...	36	42	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-
Individuals (household users) and farmers.....	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	5	5	...	3	3	-	-	-
Other manufacturers.....	...	...	...	...	...	...	...	...
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6117	688	629	58	52	91	11	60
Wholesalers.....	(D)	(D)	3	(10)	(9)	9	45	100
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-
Exports.....	1	1	...	(5)	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(5)	(5)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	72	72	...	100	100	-	-	-
Individuals (household users) and farmers.....	...	...	...	-	-	-	-	-
Other manufacturers.....	60	60	...	84	84	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-
Wholesalers.....	7	7	...	10	10	-	-	-
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-
Federal Government.....	(D)	(D)	...	(5)	(5)	-	-	-
Exports.....	(D)	(D)	...	(10)	(10)	-	-	-
Other and not specified by class of customer.....	3	3	...	4	4	-	-	-

Shipments and sales to the designated class of customer	Semi-finished steel shapes and forms, including ingots	Finished mill shapes and forms, (except wire, pipe, and tubing), hot and cold rolled	Coke and coke oven by products	Pig iron and other blast furnace products; ferro-alloys	Percent of total for columns—			
	(A)	(B)	(C)	(D)	A	B	C	D
SELECTED LARGE COMPANIES ONLY ³								
By manufacturing establishments, total.....	1,889	8,570	492	936	100	100	100	100
Sales offices, sales branches, and administrative offices of the same company.....	542	6,373	208	356	29	74	43	38
Separate merchant wholesale establishments of the same company.....	(D)	73	...	(D)	(5)	1	-	(5)
Individuals (household users) and farmers.....	...	...	...	...	-	-	-	-
Other manufacturing plants of the same company.....	1,207	866	206	323	64	10	42	34
Other manufacturers.....	129	935	58	235	7	11	12	25
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	84	12	...	-	1	2	-
Wholesalers.....	(D)	169	3	(D)	(5)	2	1	(5)
Retail stores owned by the same company.....	...	...	...	...	-	-	-	-
All other retail stores.....	...	...	...	...	-	-	-	-
Federal Government.....	2	18	(D)	(D)	(5)	(5)	(5)	(10)
Exports.....	3	20	3	1	(5)	(5)	1	(5)
Other and not specified by class of customer.....	4	32	(D)	(D)	(5)	(5)	(9)	(5)
By sales offices, sales branches, and administrative offices, total.....	548	6,606	218	357	100	100	100	100
Individuals (household users) and farmers.....	...	...	...	...	-	-	-	-
Other manufacturers.....	...	...	...	...	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6531	65,410	6205	6327	96	82	94	91
Wholesalers.....	8	861	6	4	1	13	3	1
Retail stores owned by the same company.....	...	...	...	...	-	-	-	-
All other retail stores.....	...	...	...	...	-	-	-	-
Federal Government.....	(D)	30	(D)	(D)	(5)	(5)	(5)	(11)
Exports.....	7	233	(D)	(D)	1	4	(12)	(5)
Other and not specified by class of customer.....	(D)	72	(D)	...	(9)	1	(5)	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 33

D Withheld to avoid disclosure of figures for individual companies.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard error shown in these columns indicates the range of differences that can be expected between the estimates and comparable complete census totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
PRIMARY METALS INDUSTRIES	
Semi-finished steel shapes and forms, including ingot (all grades).....	33121 and 33122
Finished mill shapes and forms (except wire, pipe, and tubing) all grades both hot and cold rolled.....	33123-33129, 33991, and 33992
Coke and coke oven byproducts.....	29321-29323
Pig iron and other blast furnace products, ferroalloys and other additives.....	33111, 33112, and 33130
Iron and steel castings.....	33210-33230
Nonferrous smelter and refinery products (ingot, pig, shot, etc.-alloyed and unalloyed).....	33311-33415
Nonferrous mill products, except wire.....	33510-33592
Nonferrous castings.....	33610
Iron and steel forgings.....	33911, 33912, and 33913
Wire.....	33921-33924
Steel pipe and tubing.....	33930
Nonferrous forgings and metal powders.....	33994 and 33995

³The end of this table shows a breakdown reported by selected large companies among the following products: (a) Semi-finished steel shapes and forms, including ingot (all grades), (b) Finished mill shapes and forms (except wire, pipe, and tubing) all grades both hot and cold rolled, (c) Coke and coke oven byproducts, and (d) Pig iron and other blast furnace products, ferroalloys and other additives. The sum of this separate information is less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report this breakdown but only the total.

⁴Less than \$1 million.

⁵Less than 1 percent.

⁶These categories have been combined because the individual estimates were considered to be unreliable.

⁷The combined total of these customer classes amounted to \$56 million in column A and \$9 million in column B, of which the category "Separate Merchant Wholesale Establishments of the Same Company" comprised approximately 2 percent and 11 percent, respectively.

⁸Approximately 14 percent.

⁹Approximately 1 percent.

¹⁰Approximately 2 percent.

¹¹Approximately 8 percent.

¹²Approximately 3 percent.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 34 - Fabricated Metal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
TIN CANS AND OTHER TINWARE ²																
By manufacturing establishments, total....	1,767	1,759	8	100	100	100	-	-	165	136	29	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,409	1,409	...	80	80	-	-	-	(D)	(D)	...	(⁶)	(⁶)	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(³)	(³)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	227	227	...	13	13	-	-	-	3	3	...	2	2	-	-	-
Other manufacturers.....	110	108	2	6	6	27	3	93	8	4	4	5	3	15	80	70
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	1	1	...	1	1	-	-	-
Wholesalers.....	17	11	6	1	1	73	40	60	47	36	11	29	26	40	30	60
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	27	14	13	16	10	45	100	100
Federal Government.....	(D)	(D)	...	(³)	(³)	-	-	-	1	1	(⁴)	1	1	(³)	17	70
Exports.....	(⁴)	(⁴)	...	(³)	(³)	-	-	-	2	1	(⁴)	1	1	1	25	100
Other and not specified by class of customer.....	3	3	(⁴)	(³)	(³)	(³)	1	90	(⁶)	(⁶)	...	(⁶)	(⁶)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	1,442	1,442	...	100	100	-	-	-	66	66	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁷)	(⁷)	-	-	-
Other manufacturers.....	1,340	1,340	...	93	93	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Wholesalers.....	35	35	...	2	2	-	-	-	(D)	(D)	...	(⁸)	(⁸)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(⁹)	(⁹)	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁷)	(⁷)	-	-	-
Exports.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
EDGE AND HAND TOOLS, FILES AND HANDSAWS AND SAW BLADES ²																
By manufacturing establishments, total....	510	374	135	100	100	100	-	-	1,238	971	266	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	48	48	...	9	13	-	-	-	48	47	1	4	5	(³)	1	90
Separate merchant wholesale establishments of the same company.....	(⁴)	(⁴)	(⁴)	(³)	(³)	(³)	2	90	25	25	1	2	3	(³)	2	90
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	2	...	2	(³)	-	1	70	90
Other manufacturing plants of the same company.....	11	11	(⁴)	2	3	(³)	1	80	(D)	(D)	...	(⁹)	(¹¹)	-	-	-
Other manufacturers.....	35	21	14	7	6	10	20	40	335	247	88	27	25	33	4	25
Industrial, construction, institutional, and commercial users; and State and local Governments.....	23	12	11	4	3	8	45	70	117	59	57	9	6	22	10	25
Wholesalers.....	299	223	76	59	60	56	11	30	268	195	72	22	20	27	6	30
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
All other retail stores.....	45	25	20	9	7	15	40	70	80	51	29	6	5	11	9	30
Federal Government.....	18	10	8	4	3	6	35	60	11	5	6	1	1	2	14	30
Exports.....	19	16	3	4	4	2	15	60	17	16	1	1	2	1	3	50
Other and not specified by class of customer.....	11	7	4	2	2	2	40	100	65	57	8	5	6	3	6	60
By sales offices, sales branches, and administrative offices, total.....	54	54	...	100	100	-	-	-	55	54	1	100	100	100	1	90
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹³)	(¹³)	-	-	-
Other manufacturers.....	3	3	...	5	5	-	-	-	4	4	(⁴)	7	7	12	1	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	6	6	...	12	12	-	-	-	10	9	(⁴)	13	13	40	2	90
Wholesalers.....	27	27	...	51	51	-	-	-	32	32	(⁴)	59	59	48	1	90
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-
All other retail stores.....	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-	3	3	...	6	6	-	-	-
Federal Government.....	1	1	...	1	1	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Exports.....	2	2	...	4	4	-	-	-	1	1	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-	3	3	...	6	6	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 34 - Fabricated Metal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
METAL PLUMBING FIXTURES AND FITTINGS ²									HEATING AND COOKING EQUIPMENT (EXCEPT ELECTRIC) ²							
By manufacturing establishments, total....	443	407	36	100	100	100	-	-	1,254	1,067	187	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	177	177	...	40	43	-	-	-	212	212	...	17	20	-	-	-
Separate merchant wholesale establishments of the same company.....	16	16	...	4	4	-	-	-	17	17	(⁴)	1	(²)	(³)	1	60
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	6	2	4	1	(³)	2	90	90
Other manufacturing plants of the same company.....	6	6	...	1	2	-	-	-	10	10	...	1	1	-	-	-
Other manufacturers.....	36	35	1	8	9	4	3	50	94	77	17	8	7	9	11	35
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1513	1511	152	3	3	6	20	80	134	119	15	11	11	8	8	40
Wholesalers.....	141	117	23	32	29	64	9	40	585	459	126	47	43	67	20	60
Retail stores owned by the same company.	(D)	(D)	...	(¹⁶)	(¹⁶)	-	-	-	1	1	...	(³)	(³)	-	-	-
All other retail stores.....	18	15	3	4	4	9	15	60	145	125	20	12	12	11	8	40
Federal Government.....	2	2	(⁴)	(³)	(³)	(³)	1	90	4	4	(⁴)	(³)	(³)	(³)	10	70
Exports.....	3	3	(⁴)	1	1	(³)	5	90	12	11	1	1	1	1	6	50
Other and not specified by class of customer.....	(¹⁶)	(¹⁶)	6	(¹⁶)	(¹⁶)	17	100	90	33	30	3	3	3	1	8	60
By sales offices, sales branches, and administrative offices, total.....	193	193	...	100	100	-	-	-	262	262	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	30	30	...	11	11	-	-	-
Other manufacturers.....	2	2	...	1	1	-	-	-	4	4	...	2	2	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1734	1734	...	18	18	-	-	-	75	75	...	29	29	-	-	-
Wholesalers.....	151	151	...	78	78	-	-	-	95	95	...	36	36	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-	48	48	...	18	18	-	-	-
Federal Government.....	1	1	...	(³)	(³)	-	-	-	1	1	...	1	1	-	-	-
Exports.....	(⁴)	(⁴)	...	(³)	(³)	-	-	-	6	6	...	2	2	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	2	2	...	1	1	-	-	-
STRUCTURAL AND ORNAMENTAL WORK ^{2 12}									BOILER SHOP PRODUCTS ²							
By manufacturing establishments, total....	2,538	1,805	733	100	100	100	-	-	1,427	1,001	426	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	566	561	5	22	31	1	1	80	385	384	1	27	38	(³)	1	80
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(³)	(³)	-	-	-	(⁴)	(⁴)	...	(³)	(³)	-	-	-
Individuals (household users) and farmers	37	8	29	1	(³)	4	19	20	8	3	5	1	(³)	1	14	30
Other manufacturing plants of the same company.....	32	32	(⁴)	1	2	(³)	1	60	16	16	...	1	2	-	-	-
Other manufacturers.....	93	62	30	4	4	4	7	18	150	78	72	10	8	17	5	16
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1,463	902	560	58	50	76	3	7	544	330	213	38	32	47	4	16
Wholesalers.....	93	66	28	4	4	4	6	18	138	47	91	10	5	21	7	20
Retail stores owned by the same company.	(D)	(D)	...	(³)	(³)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	44	23	21	2	2	3	11	20	...	...	...	-	-	-	-	-
Federal Government.....	37	29	8	2	2	1	5	25	61	56	5	4	6	1	2	30
Exports.....	...	...	...	...	...	...	...	...	36	33	3	3	3	1	3	45
Other and not specified by class of customer.....	18172	18120	1852	187	187	187	7	20	88	51	36	6	5	7	90	35
By sales offices, sales branches, and administrative offices, total.....	587	582	5	100	100	100	1	80	429	428	1	100	100	100	1	80
Individuals (household users) and farmers	(⁴)	(⁴)	(⁴)	(³)	(³)	(³)	3	80	(D)	(D)	...	(¹⁹)	(¹⁹)	-	-	-
Other manufacturers.....	31	31	...	5	5	-	-	-	9	9	(⁴)	2	2	2	1	80
Industrial, construction, institutional, and commercial users; and State and local Governments.....	468	464	5	80	80	95	1	80	343	343	...	80	80	-	-	-
Wholesalers.....	58	58	...	10	10	-	-	-	16	16	...	4	4	-	-	-
Retail stores owned by the same company.	(⁴)	(⁴)	...	(³)	(³)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	23	23	(⁴)	4	4	1	1	80	29	29	...	7	7	-	-	-
Federal Government.....	2	2	(⁴)	(³)	(³)	3	7	80	12	12	...	3	3	-	-	-
Exports.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and not specified by class of customer.....	4	4	...	1	1	-	-	-	(¹⁹)	(¹⁹)	1	(¹⁹)	(¹⁹)	98	12	80

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-61

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 34 - Fabricated Metal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
SHEET METAL PRODUCTS ²									VITREOUS-ENAMELED PRODUCTS ²							
By manufacturing establishments, total....	1,008	456	552	100	100	100	-	-	72	(20)	(20)	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	148	142	6	15	31	1	3	90	2	(20)	(20)	3	xxx	xxx	xxx	xxx
Separate merchant wholesale establishments of the same company.....	7	7	...	1	2	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	24	4	20	2	1	4	14	25	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	36	36	...	4	8	-	-	-	(D)	(20)	(20)	(10)	xxx	xxx	xxx	xxx
Other manufacturers.....	115	59	57	11	13	10	8	20	36	(20)	(20)	50	xxx	xxx	xxx	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	324	100	224	32	22	41	8	15	...	...	...	-	-	-	-	-
Wholesalers.....	163	55	107	16	12	19	12	25	25	(20)	(20)	34	xxx	xxx	xxx	xxx
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	53	8	45	5	2	8	16	25	(D)	(20)	(20)	(13)	xxx	xxx	xxx	xxx
Federal Government.....	16	10	5	2	2	1	10	40	(D)	(20)	(20)	(14)	xxx	xxx	xxx	xxx
Exports.....	(4)	(4)	(4)	(3)	(3)	(3)	8	100	(4)	(20)	(20)	(3)	xxx	xxx	xxx	xxx
Other and not specified by class of customer.....	122	34	88	12	7	16	18	30	5	(20)	(20)	7	xxx	xxx	xxx	xxx
By sales offices, sales branches, and administrative offices, total.....	170	164	6	100	100	100	2	90	2	(20)	(20)	100	100	100	xxx	xxx
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	(20)	(20)	(11)	xxx	xxx	xxx	xxx
Other manufacturers.....	9	9	...	5	5	-	-	-	(D)	(20)	(20)	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	100	100	...	59	61	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	50	50	...	29	30	-	-	-	(D)	(20)	(20)	(21)	xxx	xxx	xxx	xxx
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	1	1	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(4)	(4)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
Exports.....	3	3	...	2	2	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	6	(4)	6	4	(3)	100	70	90	...	...	...	-	-	-	-	-
METAL STAMPINGS ^{2 12}									LIGHTING FIXTURES ^{2 12}							
By manufacturing establishments, total....	1,876	1,370	506	100	100	100	-	-	765	433	332	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	256	256	...	14	18	-	-	-	66	66	...	9	15	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(3)	(3)	-	-	-	16	16	...	2	4	-	-	-
Individuals (household users) and farmers	10	5	5	1	(3)	1	50	70	8	...	8	1	-	2	90	90
Other manufacturing plants of the same company.....	99	98	(4)	5	7	(3)	1	80	63	63	...	8	14	-	-	-
Other manufacturers.....	994	703	291	53	52	58	6	14	63	48	15	8	11	5	20	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	126	31	95	7	2	19	70	60	60	48	12	8	11	3	13	70
Wholesalers.....	210	146	64	11	11	13	13	30	286	125	161	37	29	48	25	40
Retail stores owned by the same company.	(D)	(D)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	66	54	12	3	4	2	8	30	158	38	120	21	9	36	25	35
Federal Government.....	8	6	3	(3)	(3)	1	20	40	5	5	...	1	1	-	-	-
Exports.....	10	8	1	1	1	(3)	12	50	9	6	3	1	1	1	30	90
Other and not specified by class of customer.....	95	60	35	5	4	7	20	40	32	18	14	4	4	4	40	100
By sales offices, sales branches, and administrative offices, total.....	280	280	...	100	100	-	-	-	87	87	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(5)	(5)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	125	125	...	44	44	-	-	-	4	4	...	5	5	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	42	42	...	15	15	-	-	-	13	13	...	14	14	-	-	-
Wholesalers.....	45	45	...	16	16	-	-	-	65	65	...	76	76	-	-	-
Retail stores owned by the same company.	(4)	(4)	...	(3)	(3)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	6	6	...	2	2	-	-	-	4	4	...	5	5	-	-	-
Federal Government.....	1	1	...	(3)	(3)	-	-	-	1	1	...	1	1	-	-	-
Exports.....	5	5	...	2	2	-	-	-	1	1	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(22)	(22)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 34 - Fabricated Metal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
NAILS AND SPIKES ²									WIREWORK, N.E.C. ^{2 12}							
By manufacturing establishments, total....	161	137	24	100	100	100	-	-	1,227	894	333	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(20)	79	(20)	xxx	58	xxx	xxx	xxx	327	327	...	27	37	-	-	-
Separate merchant wholesale establishments of the same company.....	(20)	1	(20)	xxx	1	xxx	xxx	xxx	6	6	...	1	1	-	-	-
Individuals (household users) and farmers	(20)	...	(20)	xxx	-	xxx	xxx	xxx	2	2	(4)	(3)	(3)	(3)	1	80
Other manufacturing plants of the same company.....	(20)	13	(20)	xxx	10	xxx	xxx	xxx	34	31	(S)	3	4	(S)	9	-
Other manufacturers.....	(20)	8	(20)	xxx	5	xxx	xxx	xxx	387	246	141	32	28	42	5	16
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(20)	1	(20)	xxx	1	xxx	xxx	xxx	77	51	26	6	6	8	10	35
Wholesalers.....	(20)	27	(20)	xxx	20	xxx	xxx	xxx	258	130	128	21	14	38	17	40
Retail stores owned by the same company.	(20)	...	(20)	xxx	-	xxx	xxx	xxx	2	2	...	(3)	(3)	-	-	-
All other retail stores.....	(20)	4	(20)	xxx	3	xxx	xxx	xxx	47	28	19	4	4	6	13	40
Federal Government.....	(20)	(4)	(20)	xxx	(3)	xxx	xxx	xxx	6	3	4	1	(3)	1	25	50
Exports.....	(20)	1	(20)	xxx	1	xxx	xxx	xxx	5	3	2	(3)	(3)	1	12	40
Other and not specified by class of customer.....	(20)	3	(20)	xxx	2	xxx	xxx	xxx	75	64	11	6	7	3	10	60
By sales offices, sales branches, and administrative offices, total.....	(20)	87	(20)	-	100	-	xxx	xxx	345	345	...	100	100	-	-	-
Individuals (household users) and farmers	(20)	4	(20)	xxx	5	xxx	xxx	xxx	...	...	...	-	-	-	-	-
Other manufacturers.....	(20)	1	(20)	xxx	2	xxx	xxx	xxx	21	21	...	6	6	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(20)	6	(20)	xxx	6	xxx	xxx	xxx	149	149	...	43	43	-	-	-
Wholesalers.....	(20)	68	(20)	xxx	78	xxx	xxx	xxx	151	151	...	44	44	-	-	-
Retail stores owned by the same company.	(20)	(D)	(20)	xxx	(3)	xxx	xxx	xxx	...	...	...	-	-	-	-	-
All other retail stores.....	(20)	4	(20)	xxx	4	xxx	xxx	xxx	13	13	...	4	4	-	-	-
Federal Government.....	(20)	1	(20)	xxx	1	xxx	xxx	xxx	4	4	...	1	1	-	-	-
Exports.....	(20)	(D)	(20)	xxx	(14)	xxx	xxx	xxx	4	4	...	1	1	-	-	-
Other and not specified by class of customer.....	(20)	(D)	(20)	xxx	(14)	xxx	xxx	xxx	2	2	...	(3)	(3)	-	-	-
METAL BARRELS, DRUMS, AND PAILS ²									BOLTS, NUTS, WASHERS, AND RIVETS ²							
By manufacturing establishments, total....	254	197	57	100	100	100	-	-	859	711	149	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	104	104	...	41	53	-	-	-	140	140	...	16	20	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	3	3	...	1	2	-	-	-	47	47	...	5	7	-	-	-
Other manufacturers.....	23142	2386	2357	2356	2343	2399	40	70	356	283	73	41	40	49	4	25
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	(4)	(4)	(3)	(3)	1	50	90	101	81	20	12	11	14	10	50
Wholesalers.....	...	...	...	-	-	-	-	-	153	120	33	18	17	22	7	40
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	7	2	5	1	(3)	3	50	70
Federal Government.....	4	4	(4)	1	2	(3)	1	100	6	5	1	1	1	1	12	70
Exports.....	(4)	(4)	...	(3)	(3)	-	-	-	3	3	(4)	(3)	(3)	(3)	3	60
Other and not specified by class of customer.....	(4)	(4)	...	(3)	(3)	-	-	-	47	30	16	5	4	11	30	80
By sales offices, sales branches, and administrative offices, total.....	104	104	...	100	100	-	-	-	150	150	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	75	75	...	50	50	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	23102	23102	...	2398	2398	-	-	-	22	22	...	15	15	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	37	37	...	25	25	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(10)	(10)	-	-	-
Federal Government.....	(D)	(D)	...	(3)	(3)	-	-	-	1	1	...	1	1	-	-	-
Exports.....	(D)	(D)	...	(14)	(14)	-	-	-	1	1	...	1	1	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	5	5	...	3	3	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-63

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 34 - Fabricated Metal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		SELECTED LARGE COMPANIES ONLY ¹²					
									Transportation equipment hardware	Builders' hardware	All other hardware, nec.	Percent of total for columns—		
	(A)	(B)	(C)	A	B	C	A	C				A	B	C
METAL FOIL AND LEAF ²														
By manufacturing establishments, total....	279	236	43	100	100	100	-	-	404	174	177	100	100	100
Sales offices, sales branches, and administrative offices of the same company..	153	153	...	55	65	-	-	-	10	31	7	2	18	4
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(³)	(³)	-	-	-	...	13	12	-	7	7
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-
Other manufacturing plants of the same company.....	42	42	...	15	18	-	-	-	(D)	(D)	9	(⁸)	(¹³)	5
Other manufacturers.....	49	20	29	18	9	67	35	80	91	14	62	22	8	35
Industrial, construction, institutional, and commercial users; and State and local Governments.....	13	13	1	5	5	2	4	90	9	²⁴ 20	8	2	7	5
Wholesalers.....	15	4	11	5	1	26	40	70	18	57	41	4	33	23
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	(D)	...	-	(³)	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	8	(³)	(⁷)	5
Federal Government.....	1	1	...	(³)	1	-	-	-	(⁴)	(⁴)	2	(³)	(³)	1
Exports.....	3	1	2	1	(³)	5	60	100	7	3	3	2	2	2
Other and not specified by class of customer.....	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-	13	15	24	2	9	10
By sales offices, sales branches, and administrative offices, total.....	156	156	...	100	100	-	-	-	12	34	8	100	100	100
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	(D)	(D)	-	(²⁵)	(¹⁴)
Other manufacturers.....	84	84	...	54	54	-	-	-	(D)	(D)	3	(²⁵)	(¹⁴)	36
Industrial, construction, institutional, and commercial users; and State and local Governments.....	9	9	...	6	6	-	-	-	5	²⁶ 4	1	40	14	9
Wholesalers.....	21	21	...	13	13	-	-	-	(D)	25	(D)	(²⁷)	72	(²⁸)
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(⁴)	(⁴)	(⁴)	(³)	1	-
All other retail stores.....	38	38	...	24	24	-	-	-	1	2	(⁴)	6	7	5
Federal Government.....	2	2	...	1	1	-	-	-	(⁴)	(⁴)	(⁴)	(³)	-	(³)
Exports.....	1	1	...	1	1	-	-	-	...	(⁴)	(⁴)	-	1	4
Other and not specified by class of customer.....	(⁴)	(⁴)	...	(³)	(³)	-	-	-	(D)	(D)	(D)	(²⁹)	(¹⁰)	(²²)

SELECTED LARGE COMPANIES ONLY¹²—Continued

Shipments and sales to the designated class of customer	Fabricated structural iron and steel	Ornamental and structural metal work	Prefabricated and portable metal buildings; miscellaneous metal building materials	Percent of total for columns—			Stamped and spun cooking and kitchen utensils, pails, ash cans, garbage cans	Other metal stampings	Percent of total for columns—	
	D	E	F	D	E	F	G	H	G	H
By manufacturing establishments, total.....	899	79	409	100	100	100	209	866	100	100
Sales offices, sales branches, and administrative offices of the same company.....	365	10	185	41	12	45	70	185	34	21
Separate merchant wholesale establishments of the same company.....	(D)	(⁴)	(D)	(³)	(³)	(³)	(⁴)	2	(³)	(³)
Individuals (household users) and farmers.....	2	(⁴)	2	(³)	(³)	1	5	(⁴)	2	(³)
Other manufacturing plants of the same company.....	15	(⁴)	17	2	(³)	4	4	95	2	11
Other manufacturers.....	24	10	7	3	13	2	15	503	7	58
Industrial, construction, institutional, and commercial users; and State and local Governments.....	³⁰ 399	31	145	44	40	35	(⁴)	10	(³)	1
Wholesalers.....	19	13	22	2	16	5	78	16	37	2
Retail stores owned by the same company.....	...	...	(D)	-	-	(³)	(D)	(D)	(³)	(³)
All other retail stores.....	...	1	(⁴)	-	1	(³)	(D)	(D)	(³³)	(¹⁴)
Federal Government.....	16	(⁴)	9	2	(³)	2	1	1	1	(³)
Exports.....	3	18	3	(³)	17	1	3	3	1	(³)
Other and not specified by class of customer.....	55	13	17	6	14	4	(⁴)	47	(³)	5
By sales offices, sales branches, and administrative offices, total.....	373	10	198	100	100	100	71	209	100	100
Individuals (household users) and farmers.....	...	...	(⁴)	(⁴)	(³)	(³)	(D)	(D)	15	(³)
Other manufacturers.....	(D)	(D)	23	(¹⁴)	(³¹)	12	(D)	(D)	(²⁵)	(⁸)
Industrial, construction, institutional, and commercial users; and State and local Governments.....	³² 343	5	116	92	53	58	(D)	(D)	(⁹)	(³³)
Wholesalers.....	2	(⁴)	55	(³)	1	28	34	12	48	5
Retail stores owned by the same company.....	...	...	...	-	-	(³)	...	(⁴)	-	(³)
All other retail stores.....	...	(D)	(D)	-	(³)	(³)	6	(⁴)	8	-
Federal Government.....	23	(⁴)	6	(⁴)	-	(³)	(⁴)	(⁴)	(³)	(³)
Exports.....	1	(⁴)	1	(³)	(³)	(³)	1	4	1	(²)
Other and not specified by class of customer.....	(D)	...	(D)	(³)	-	(¹⁴)	...	(D)	-	(⁹)

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 34 - Fabricated Metal Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY, ¹² -Continued									
	Lighting fixtures, except incandescent vehicular lighting equipment, complete	Incandescent vehicular lighting equipment, complete	Percent of total for columns—		Wire springs	Non-insulated wire rope and cable and strand, except copper	Wirework, nec.	Percent of total for columns—		
	I	J	I	J	K	L	M	K	L	M
By manufacturing establishments, total.....	328	105	100	100	220	196	478	100	100	100
Sales offices, sales branches, and administrative offices of the same company.....	63	3	19	3	13	149	165	6	76	34
Separate merchant wholesale establishments of the same company.....	(D)	(D)	(²⁵)	(³)	...	2	4	-	1	1
Individuals (household users) and farmers.....	...	...	-	-	...	...	2	-	-	1
Other manufacturing plants of the same company.....	(D)	(D)	(¹⁰)	(³¹)	16	9	6	7	4	1
Other manufacturers.....	21	27	6	26	161	1	84	73	(³)	18
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3447	1	14	1	2	14	35	1	7	7
Wholesalers.....	114	11	35	10	10	11	109	5	5	23
Retail stores owned by the same company.....	...	...	-	-	...	...	2	-	-	(³)
All other retail stores.....	35	3	11	3	...	...	28	-	-	6
Federal Government.....	3	2	1	2	1	(⁴)	2	(³)	(³)	(³)
Exports.....	5	2	1	2	(⁴)	1	2	(³)	1	(³)
Other and not specified by class of customer.....	18	(⁴)	6	(³)	16	9	39	7	5	8
By sales offices, sales branches, and administrative offices, total.....	83	4	100	100	13	156	176	100	100	100
Individuals (household users) and farmers.....	...	...	-	-	...	...	...	-	-	-
Other manufacturers.....	(⁴)	4	(³)	98	11	4	14	87	3	8
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3513	...	15	-	...	79	62	-	50	35
Wholesalers.....	65	...	78	-	(⁴)	57	94	(³)	37	53
Retail stores owned by the same company.....	...	...	-	-	...	...	...	-	-	-
All other retail stores.....	4	...	5	-	(D)	(D)	5	(⁷)	(²⁵)	3
Federal Government.....	1	...	1	-	(⁴)	4	(⁴)	(³)	2	(³)
Exports.....	1	(⁴)	1	2	(⁴)	3	1	(³)	2	1
Other and not specified by class of customer.....	...	...	-	-	(D)	(D)	(⁴)	(²⁵)	(¹⁴)	(³)

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

D Withheld to avoid disclosure of figures for individual companies.

S Withheld because the estimates did not meet publication standards on the basis of the associated standard error of estimate.

¹The percentage standard errors shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete census totals because of sampling fluctuations. The estimates will differ from the complete totals by less than:

(i) The percentage shown: approximately 2 times out of 3.

(ii) Twice the percentage shown: approximately 19 times out of 20.

(iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in the group:

Product group title	Product classes included in the group
FABRICATED METAL PRODUCTS	
Tin cans and other tinware.....	34111, 34112, and 34113
Cutlery.....	34211 and 34212
Edge and hand tools, files and hand saws, and saw blades...	34220-34250
Transportation equipment hardware.....	34291
Builders' hardware.....	34294
All other hardware, nec.....	34292, 34293 and 34295
Metal plumbing fixtures and fittings.....	34311 and 34312
Heating and cooking equipment (except electric).....	34320-34399
Fabricated structural iron and steel.....	34411
Ornamental and structural metal work.....	34412
Prefabricated and portable metal buildings and parts and miscellaneous metal building materials.....	34413 and 34414
Boiler shop products.....	34431-34434
Sheet metal products.....	34440
Vitreous-enameled products.....	34611 and 34612
Stamped and spun cooking and kitchen utensils and pails, ash cans, and garbage cans.....	34632 and 34633
Other metal stampings.....	34631, 34634-34638
Lighting fixtures, except incandescent vehicular lighting equipment, complete.....	34711, 34712, 34714-34718
Incandescent vehicular lighting equipment, complete.....	34713
Nails and spikes.....	34810
Wire springs.....	34891
Noninsulated wire rope and cable and strand, except copper.	34892
Wirework, nec.....	34893, 34894, and 34895
Metal barrels, drums, and pails.....	34911, 34912, and 34913
Bolts, nuts, washers, and rivets.....	34941 and 34942
Metal foil and leaf.....	34970

Footnotes continued on next page.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

FOOTNOTES FOR MAJOR GROUP 34

³Less than 1 percent.

⁴Less than \$1 million.

⁵Approximately 4 percent.

⁶The combined total of these customer classes amounted to \$75 million in columns A and B, of which the category "Sales offices, sales branches, and administrative offices of the same company" comprised approximately 75 percent.

⁷Approximately 8 percent.

⁸Approximately 60 percent.

⁹Approximately 20 percent.

¹⁰Approximately 2 percent.

¹¹Approximately 25 percent.

¹²The end of this table shows the following breakdowns for selected large companies: Hardware, NEC into (a) transportation equipment hardware, (b) builders' hardware and (c) all other hardware, nec; Structural and Ornamental Work, into (a) fabricated structural iron and steel, (b) ornamental and structural metal work, and (c) prefabricated and portable metal buildings and parts and miscellaneous metal building materials; Metal stampings into (a) stamped and spun cooking and kitchen utensils and pails, ash cans, and garbage cans, and (b) other metal stampings; Lighting fixtures into (a) lighting fixtures, except incandescent vehicular lighting equipment, complete, and (b) incandescent vehicular lighting equipment, complete; Wirework, NEC into (a) wire springs, (b) noninsulated wire rope and cable and strand, except copper, and (c) wirework, nec.. The sum of this separate information may be less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report this breakdown but only the total.

¹³Approximately 3 percent.

¹⁴Approximately 1 percent.

¹⁵Shipments to building or construction contractors comprised 27 percent of the figure in column A, 13 percent in column B, and 95 percent in column C.

¹⁶The combined total of these customer classes amounted to \$31 million in column A and \$25 million in column B, of which the category "Retail stores owned by the same company" comprised approximately 75 percent and 90 percent, respectively.

¹⁷Sales to building and construction contractors comprised 86 percent of the figures in columns A and B, respectively.

¹⁸The category "Exports" has been combined with the category "Other and not specified by class of customer" because the estimates are considered to be unreliable.

¹⁹The combined total of these customer classes amounted to \$20 million in column A, and \$19 million in column B, of which the category "Individual and farmers" comprised approximately 35 percent and 60 percent, respectively.

²⁰Withheld because the estimates were not considered to be reliable.

²¹Approximately 75 percent.

²²Approximately 17 percent.

²³The categories "Other manufacturers" and "Industrial, construction, institutional, and commercial users; and State and local Governments" have been combined because the individual estimates were considered to be unreliable.

²⁴Shipments to building or construction contractors comprised 36 percent of the figure in column B.

²⁵Approximately 5 percent.

²⁶Sales to building or construction contractors comprised 68 percent of the figure in column B.

²⁷Approximately 35 percent.

²⁸Approximately 30 percent.

²⁹Approximately 11 percent.

³⁰Shipments to building or construction contractors, comprised 44 percent of the figure in column D.

³¹Approximately 45 percent.

³²Sales to building or construction contractors comprised 85 percent of the figure in column D.

³³Approximately 14 percent.

³⁴Shipments to building or construction contractors comprised 24 percent of the figure in column I.

³⁵Sales to building or construction contractors comprised 29 percent of the figure in column I.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
STEAM ENGINES AND TURBINES ²																
By manufacturing establishments, total....	693	693	...	100	100	-	-	-	1,177	1,169	7	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	513	513	...	74	74	-	-	-	193	193	...	16	16	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	30	30	...	4	4	-	-	-	176	176	...	15	15	-	-	-
Other manufacturers.....	19	19	...	3	3	-	-	-	325	325	...	28	28	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	26	26	...	4	4	-	-	-	56	56	...	5	5	-	-	-
Wholesalers.....	(³)	(³)	...	(⁴)	(⁴)	-	-	-	123	118	5	10	10	71	1	90
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	155	153	2	13	13	29	1	90
Federal Government.....	20	20	...	3	3	-	-	-	75	75	...	6	6	-	-	-
Exports.....	82	82	...	12	12	-	-	-	52	52	...	4	4	-	-	-
Other and not specified by class of customer.....	3	3	...	(⁴)	(⁴)	-	-	-	21	21	...	2	2	-	-	-
By sales offices, sales branches, and administrative offices, total.....	548	548	...	100	100	-	-	-	212	212	...	100	100	-	-	-
Individuals (household users) and farmers	(³)	(³)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	21	21	...	4	4	-	-	-	26	26	...	12	12	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	430	430	...	79	79	-	-	-	76	76	...	36	36	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	23	23	...	11	11	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	27	27	...	13	13	-	-	-
Federal Government.....	90	90	...	16	16	-	-	-	6	6	...	3	3	-	-	-
Exports.....	3	3	...	1	1	-	-	-	31	31	...	15	15	-	-	-
Other and not specified by class of customer.....	3	3	...	1	1	-	-	-	23	23	...	11	11	-	-	-
TRACTORS ²																
By manufacturing establishments, total....	1,376	1,354	21	100	100	100	-	-	1,409	1,151	258	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	1,031	1,031	...	75	76	-	-	-	630	630	...	45	55	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	2	2	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	72	72	...	5	5	-	-	-	26	26	...	2	2	...	...	...
Other manufacturers.....	42	42	...	3	3	-	-	-	63	57	6	5	5	2	4	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	30	30	...	2	2	-	-	-	51	(⁶)	(⁶)	4	xxx	xxx	30	xxx
Wholesalers.....	118	113	5	9	8	24	1	90	318	(⁶)	(⁶)	23	xxx	xxx	13	xxx
Retail stores owned by the same company.	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	2	-	-	-	-
All other retail stores.....	24	20	4	2	2	xxx	1	90	173	138	35	12	12	14	8	50
Federal Government.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	(⁶)	(⁶)	1	xxx	xxx	50	xxx
Exports.....	38	83	...	3	3	-	-	-	49	36	13	4	3	5	13	70
Other and not specified by class of customer.....	14	1	13	1	(⁴)	61	90	2	60	17	42	4	1	16	30	60
By sales offices, sales branches, and administrative offices, total.....	1,226	1,226	...	100	100	-	-	-	688	688	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	28	28	...	4	4	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
Wholesalers.....	132	132	...	10	10	-	-	-	72	72	...	10	10	-	-	-
Retail stores owned by the same company.	12	12	...	1	1	-	-	-	14	14	...	2	2	-	-	-
All other retail stores.....	501	501	...	40	40	-	-	-	r536	r536	...	78	78	-	-	-
Federal Government.....	(D)	(D)	...	(⁸)	(⁸)	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	234	234	...	19	19	-	-	-	26	26	...	4	4	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁹)	(⁹)	-	-	-	10	10	...	2	2	-	-	-
FARM MACHINERY (EXCEPT TRACTORS) ²																

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies, total (million dollars)	Small companies, total (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies, total (million dollars)	Small companies, total (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
CONSTRUCTION AND MINING MACHINERY ²									OIL-FIELD MACHINERY AND TOOLS ²							
By manufacturing establishments, total....	1,677	1,470	207	100	100	100	-	-	496	442	54	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	456	456	...	27	31	-	-	-	138	138	(³)	28	31	(⁴)	1	100
Separate merchant wholesale establishments of the same company.....	13	13	...	1	1	-	-	-	48	48	...	10	11	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	29	29	...	2	2	-	-	-	3	3	...	1	1	-	-	-
Other manufacturers.....	80	59	21	5	4	10	12	45	20	15	5	4	4	9	45	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	448	353	96	27	24	46	8	40	94	73	22	19	16	40	20	45
Wholesalers.....	411	362	49	24	25	24	1	35	105	84	20	21	19	38	25	60
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	40	38	2	2	3	1	4	80	1	1	...	(⁴)	(⁴)	-	-	-
Exports.....	114	101	13	7	7	6	5	45	55	51	4	11	11	8	12	70
Other and not specified by class of customer.....	86	59	27	5	4	13	15	100	32	30	2	7	7	4	25	70
By sales offices, sales branches, and administrative offices, total.....	584	584	...	100	100	-	-	-	146	146	(³)	100	100	100	1	100
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	4	4	...	1	1	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	199	199	...	17	17	-	-	-	38	38	(³)	26	26	100	1	100
Wholesalers.....	164	164	...	28	28	-	-	-	97	97	...	62	62	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	15	15	...	3	3	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	168	168	...	29	29	-	-	-	10	10	...	7	7	-	-	-
Other and not specified by class of customer.....	134	134	...	23	23	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
MACHINE TOOLS ²									METALWORKING MACHINERY ²							
By manufacturing establishments, total....	593	529	63	100	100	100	-	-	825	772	53	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	50	50	...	8	9	-	-	-	160	160	...	19	21	-	-	-
Separate merchant wholesale establishments of the same company.....	(³)	(³)	...	(⁴)	(⁴)	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	9	9	...	1	2	-	-	-	22	22	...	3	3	-	-	-
Other manufacturers.....	286	273	13	48	52	20	2	60	294	269	25	36	35	47	5	45
Industrial, construction, institutional, and commercial users; and State and local Governments.....	58	41	17	10	8	27	14	55	120	110	10	15	14	19	13	(¹¹)
Wholesalers.....	93	62	30	16	12	48	30	100	99	81	18	12	10	33	17	70
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	1	1	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	23	23	(³)	3	3	(⁴)	1	90
Federal Government.....	32	31	1	6	6	2	4	100	13	12	(³)	2	2	1	3	70
Exports.....	48	47	1	8	9	2	2	100	81	81	(³)	10	11	(⁴)	1	90
Other and not specified by class of customer.....	17	16	1	3	3	1	5	100	13	13	...	2	2	-	-	-
By sales offices, sales branches, and administrative offices, total.....	71	71	...	100	100	-	-	-	171	171	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	46	46	...	65	65	-	-	-	13	13	...	8	8	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	10	10	...	13	13	-	-	-	64	64	...	37	37	-	-	-
Wholesalers.....	4	4	...	5	5	-	-	-	54	54	...	32	32	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹²)	(¹²)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	21	21	...	12	12	-	-	-
Federal Government.....	(D)	(D)	...	(⁸)	(⁸)	-	-	-	3	3	...	2	2	-	-	-
Exports.....	5	5	...	7	7	-	-	-	7	7	...	4	4	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-	(¹²)	(¹²)	...	(¹²)	(¹²)	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
METALWORKING MACHINERY AND ATTACHMENTS ²																
By manufacturing establishments, total....	470	363	107	100	100	100	-	-	400	282	118	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	67	67	...	14	18	-	-	-	48	48	...	12	17	-	-	-
Separate merchant wholesale establishments of the same company.....	1	1	...	(4)	(4)	-	-	-	(D)	(D)	...	(13)	(13)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	8	(D)	(D)	2	(7)	(7)	5	30	3	3	...	1	1	-	-	-
Other manufacturers.....	217	150	67	46	41	62	9	30	83	56	27	21	20	23	16	50
Industrial, construction, institutional, and commercial users; and State and local Governments.....	50	(6)	(6)	11	xxx	xxx	30	xxx	129	90	39	32	32	33	18	60
Wholesalers.....	102	91	11	22	25	10	4	40	52	(6)	(6)	13	xxx	xxx	35	xxx
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	16	(6)	(6)	4	xxx	xxx	70	xxx
Federal Government.....	4	4	(3)	1	1	(4)	4	50	7	(6)	(6)	2	xxx	xxx	70	xxx
Exports.....	13	12	1	3	3	1	6	90	39	28	10	10	10	9	25	90
Other and not specified by class of customer.....	9	5	4	2	2	3	30	70	(13)	(13)	(3)	(13)	(13)	(4)	1	90
By sales offices, sales branches, and administrative offices, total.....	71	71	...	100	100	-	-	-	71	71	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	24	24	...	34	34	-	-	-	4	4	...	6	6	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	1	...	2	2	-	-	-	52	52	...	74	74	-	-	-
Wholesalers.....	39	39	...	55	55	-	-	-	3	3	...	4	4	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	(D)	(D)	...	(7)	(7)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Exports.....	1	1	...	1	1	-	-	-	5	5	...	7	7	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(10)	(10)	-	-	-	7	7	...	10	10	-	-	-
TEXTILE MACHINERY ²																
By manufacturing establishments, total....	322	240	82	100	100	100	-	-	174	(6)	(6)	100	xxx	xxx	-	-
Sales offices, sales branches, and administrative offices of the same company..	31	31	...	10	13	-	-	-	15	(6)	...	9	xxx	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	28	28	...	9	12	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	137	(6)	(6)	43	xxx	xxx	1	xxx	44	(6)	(6)	25	xxx	xxx	1	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	96	(6)	(6)	30	xxx	xxx	40	xxx	32	(6)	(6)	18	xxx	xxx	25	xxx
Wholesalers.....	5	5	...	2	2	-	-	-	29	(6)	(6)	17	xxx	xxx	1	xxx
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(6)	(6)	(8)	xxx	xxx	25	xxx
All other retail stores.....	...	...	...	-	-	-	-	-	39	(6)	(6)	22	xxx	xxx	17	xxx
Federal Government.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Exports.....	23	(6)	(6)	7	xxx	xxx	20	70	3	(6)	(6)	2	xxx	xxx	1	xxx
Other and not specified by class of customer.....	2	2	...	1	1	-	-	-	(D)	(6)	(6)	(14)	xxx	xxx	30	xxx
By sales offices, sales branches, and administrative offices, total.....	31	31	...	100	100	-	-	-	19	(6)	...	100	xxx	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(6)	...	(15)	xxx	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	31	31	...	100	100	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	15	(6)	...	80	xxx	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	1	(6)	...	8	xxx	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(D)	(6)	...	1	xxx	-	-	-
Exports.....	...	...	...	-	-	-	-	-	1	(6)	...	4	xxx	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(3)	(6)	...	2	xxx	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-69

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PAPER-INDUSTRIES MACHINERY ²									PRINTING-TRADES MACHINERY AND EQUIPMENT ²							
By manufacturing establishments, total....	280	247	33	100	100	100	7	35	271	219	52	100	100	100	8	70
Sales offices, sales branches, and administrative offices of the same company..	4	4	...	1	2	-	-	-	63	63	...	23	29	-	-	-
Separate merchant wholesale establishments of the same company.....	(³)	(³)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	7	7	...	3	3	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	191	173	18	68	70	53	9	60	57	(⁶)	(⁶)	20	xxx	xxx	30	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	46	39	7	16	16	22	10	45	113	(⁶)	(⁶)	42	xxx	xxx	11	xxx
Wholesalers.....	6	(⁶)	(⁶)	2	xxx	xxx	75	xxx	12	(⁶)	(⁶)	3	xxx	xxx	14	xxx
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	2	2	...	1	1	-	-	-
Exports.....	21	(⁶)	(⁶)	8	xxx	xxx	9	xxx	16	16	...	6	8	-	-	-
Other and not specified by class of customer.....	4	4	(³)	1	2	(⁴)	2	60	6	6	...	2	3	-	-	-
By sales offices, sales branches, and administrative offices, total.....	9	9	...	100	100	-	-	-	88	88	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	3	3	...	26	26	-	-	-	8	8	...	9	9	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(¹⁶)	(¹⁶)	-	-	-	62	62	...	70	70	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	8	8	...	9	9	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	1	1	...	2	2	-	-	-
Exports.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	9	9	...	10	10	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
SPECIAL-INDUSTRY MACHINERY, N.E.C. ²									PUMPS AND COMPRESSORS ²							
By manufacturing establishments, total....	726	497	229	100	100	100	-	-	986	913	73	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	86	86	...	12	17	-	-	-	397	397	...	40	43	-	-	-
Separate merchant wholesale establishments of the same company.....	(³)	(³)	...	(⁴)	(⁴)	-	-	-	14	14	(³)	1	2	(⁴)	1	90
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	7	5	2	1	1	3	25	70
Other manufacturing plants of the same company.....	32	32	...	4	6	-	-	-	22	22	...	2	2	-	-	-
Other manufacturers.....	255	157	98	35	32	43	7	20	69	54	16	7	6	22	12	45
Industrial, construction, institutional, and commercial users; and State and local Governments.....	171	94	77	24	19	33	12	30	125	104	20	13	11	27	7	35
Wholesalers.....	39	24	15	5	5	7	13	35	180	161	19	18	18	26	5	40
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	2	2	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	40	31	9	4	3	12	10	35
Federal Government.....	13	5	8	2	1	4	35	60	23	21	2	2	2	3	8	60
Exports.....	27	25	2	4	5	1	2	35	32	31	1	3	3	1	2	60
Other and not specified by class of customer.....	104	75	29	14	15	13	9	35	75	71	4	8	8	5	6	90
By sales offices, sales branches, and administrative offices, total.....	88	88	...	100	100	-	-	-	415	415	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	4	4	...	1	1	-	-	-
Other manufacturers.....	49	49	...	56	56	-	-	-	76	76	...	18	18	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	13	13	...	15	15	-	-	-	190	190	...	46	46	-	-	-
Wholesalers.....	5	5	...	5	5	-	-	-	64	64	...	15	15	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	10	10	...	2	2	-	-	-
Federal Government.....	5	5	...	5	5	-	-	-	31	31	...	7	7	-	-	-
Exports.....	1	1	...	1	1	-	-	-	32	32	...	8	8	-	-	-
Other and not specified by class of customer.....	16	16	...	18	18	-	-	-	8	8	...	2	2	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
OTHER GENERAL INDUSTRIAL MACHINERY, INCLUDING CONVEYORS, GEARS, INDUSTRIAL FURNACES, HEAT EXCHANGERS, ETC. ²									COMPUTING AND RELATED MACHINES; INCLUDING CASH REGISTERS ²							
By manufacturing establishments, total....	2,819	2,286	532	100	100	100	-	-	1,051	1,051	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	694	661	33	25	29	6	4	90	739	739	...	70	70	-	-	-
Separate merchant wholesale establishments of the same company.....	32	29	2	1	1	(4)	6	90	(D)	(D)	...	(17)	(17)	-	-	-
Individuals (household users) and farmers	9	(D)	(D)	(4)	(4)	(7)	15	50	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	90	90	...	3	4	-	-	-	7	7	...	1	1	-	-	-
Other manufacturers.....	675	518	158	24	23	30	5	25	59	59	...	6	6	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	742	549	193	26	24	36	5	20	36	36	...	3	3	-	-	-
Wholesalers.....	241	185	56	9	8	11	8	40	13	13	...	1	1	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	25	(6)	(6)	1	xxx	xxx	25	50	3	3	...	(4)	(4)	-	-	-
Federal Government.....	135	109	26	5	5	5	12	60	69	69	...	7	7	-	-	-
Exports.....	70	65	5	2	3	1	3	40	77	77	...	7	7	-	-	-
Other and not specified by class of customer.....	106	63	43	4	3	8	40	16	(17)	(17)	...	(17)	(17)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	829	785	45	100	100	100	-	-	1,227	1,227	...	100	100	-	-	-
Individuals (household users) and farmers	4	4	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	172	165	7	21	21	15	4	100	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	412	406	6	50	52	12	1	100	950	950	...	77	77	-	-	-
Wholesalers.....	59	57	2	7	7	4	3	100	2	2	...	(4)	(4)	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	4	4	...	1	1	-	-	-	19	19	...	2	2	-	-	-
Federal Government.....	128	128	(3)	15	16	(4)	1	100	229	229	...	19	19	-	-	-
Exports.....	15	15	...	2	2	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Other and not specified by class of customer.....	35	5	30	4	1	65	90	100	28	28	...	2	2	-	-	-
TYPEWRITERS ²									SCALES AND BALANCES ²							
By manufacturing establishments, total....	189	189	...	100	100	-	-	-	75	62	13	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	143	143	...	76	76	-	-	-	24	24	...	32	39	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(7)	(7)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	1	...	1	1	-	-	-	14	9	5	17	15	39	(11)	100
Wholesalers.....	16	16	...	9	9	-	-	-	22	(6)	(6)	29	xxx	xxx	100	xxx
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	1811	1811	...	6	6	-	-	-	6	6	...	8	10	-	-	-
Federal Government.....	(3)	(3)	...	(4)	(4)	-	-	-	1	(6)	(6)	1	xxx	xxx	(11)	xxx
Exports.....	13	13	...	7	7	-	-	-	3	(6)	(6)	4	xxx	xxx	30	xxx
Other and not specified by class of customer.....	(3)	(3)	...	(4)	(4)	-	-	-	4	(6)	(6)	5	xxx	xxx	10	xxx
By sales offices, sales branches, and administrative offices, total.....	238	238	...	100	100	-	-	-	33	33	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	(20)	(20)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	153	153	...	64	64	-	-	-	15	15	...	45	45	-	-	-
Wholesalers.....	41	41	...	17	17	-	-	-	(D)	(D)	...	(7)	(7)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(15)	(15)	-	-	-	5	5	...	15	15	-	-	-
Federal Government.....	21	21	...	9	9	-	-	-	(D)	(D)	...	(19)	(19)	-	-	-
Exports.....	(D)	(D)	...	(19)	(19)	-	-	-	(D)	(D)	...	(8)	(8)	-	-	-
Other and not specified by class of customer.....	7	7	...	3	3	-	-	-	1	1	...	3	3	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
OTHER OFFICE AND STORE MACHINES INCLUDING DUPLICATING, TIME STAMP, DICTATING MACHINES, ETC. ²																
By manufacturing establishments, total....	318	268	49	100	100	100	-	-	719	719	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	109	109	...	34	41	-	-	-	182	182	...	25	25	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(¹⁸)	(¹⁸)	-	-	-	100	100	...	14	14	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	19	(⁶)	(⁶)	6	xxx	xxx	40	xxx	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	47	(⁶)	(⁶)	15	xxx	xxx	40	xxx	...	...	...	-	-	-	-	-
Wholesalers.....	68	60	7	21	22	14	11	100	385	385	...	54	54	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	25	20	5	8	7	10	17	90	36	36	...	5	5	-	-	-
Federal Government.....	8	(⁶)	(⁶)	2	xxx	xxx	40	xxx	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Exports.....	10	8	2	3	3	4	16	100	8	8	...	1	1	-	-	-
Other and not specified by class of customer.....	27	27	(³)	8	10	(⁴)	1	100	7	7	...	1	1	-	-	-
By sales offices, sales branches, and administrative offices, total.....	178	178	...	100	100	-	-	-	241	241	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(D)	(D)	...	(²¹)	(²¹)	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	125	125	...	70	70	-	-	-	3	3	...	1	1	-	-	-
Wholesalers.....	6	6	...	3	3	-	-	-	173	173	...	72	72	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	6	6	...	3	3	-	-	-	55	55	...	23	23	-	-	-
Federal Government.....	11	11	...	6	6	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	6	6	...	3	3	-	-	-	3	3	...	1	1	-	-	-
Other and not specified by class of customer.....	(²¹)	(²¹)	...	(²¹)	(²¹)	-	-	-	6	6	...	2	2	-	-	-
COMMERCIAL LAUNDRY, DRY CLEANING AND PRESSING MACHINERY, SEWING MACHINES, MEASURING AND DISPENSING PUMPS, AND OTHER SERVICE AND HOUSEHOLD MACHINES, NEC. ²																
By manufacturing establishments, total....	598	507	91	100	100	100	-	-	168	168	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	153	153	...	26	30	-	-	-	56	56	...	33	33	-	-	-
Separate merchant wholesale establishments of the same company.....	28	(⁶)	(⁶)	5	xxx	xxx	1	xxx	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	18	18	...	3	4	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	72	(⁶)	(⁶)	12	xxx	xxx	45	xxx	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	68	(⁶)	(⁶)	11	xxx	xxx	8	xxx	21	21	...	12	12	-	-	-
Wholesalers.....	163	(⁶)	(⁶)	27	xxx	xxx	5	xxx	47	47	...	28	28	-	-	-
Retail stores owned by the same company.	1	1	(⁶)	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(²²)	(²²)	-	-	-
All other retail stores.....	38	(⁶)	(⁶)	6	xxx	xxx	10	xxx	4	4	...	2	2	-	-	-
Federal Government.....	4	(⁶)	(⁶)	1	xxx	xxx	1	xxx	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	23	23	...	4	5	-	-	-	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	29	28	1	5	5	1	3	80	5	5	...	3	3	-	-	-
By sales offices, sales branches, and administrative offices, total.....	263	263	...	100	100	-	-	-	67	67	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	1	1	...	1	1	-	-	-
Other manufacturers.....	22	22	...	8	8	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	78	78	...	30	30	-	-	-	(D)	(D)	...	(¹⁹)	(¹⁹)	-	-	-
Wholesalers.....	22	22	...	8	8	-	-	-	18	18	...	27	27	-	-	-
Retail stores owned by the same company.	134	134	...	51	51	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	3	3	...	1	1	-	-	-	47	47	...	70	70	-	-	-
Federal Government.....	2	2	...	1	1	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Exports.....	2	2	...	1	1	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(³)	(³)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
HOUSEHOLD REFRIGERATORS, HOME AND FARM FREEZERS; OTHER REFRIGERATION AND AIR-CONDITIONING EQUIPMENT ²																
By manufacturing establishments, total....	(²³)	(²³)	(²³)	100	100	100	-	-	1,149	992	158	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	457	457	...	21	22	-	-	-	277	277	...	24	28	-	-	-
Separate merchant wholesale establishments of the same company.....	45	45	...	2	2	-	-	-	29	29	...	2	3	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	100	100	...	5	5	-	-	-	18	18	...	2	2	-	-	-
Other manufacturers.....	227	225	2	11	11	2	1	90	179	150	29	16	15	18	20	70
Industrial, construction, institutional, and commercial users; and State and local Governments.....	191	162	29	9	8	35	18	70	191	164	28	17	17	17	17	60
Wholesalers.....	891	876	15	41	42	18	2	80	383	284	100	33	29	63	35	70
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	74	66	8	3	3	10	18	100	...	...	...	-	-	-	-	-
Federal Government.....	6	4	2	(⁴)	(⁴)	2	50	80	17	16	1	1	2	1	6	70
Exports.....	75	75	(³)	3	4	(⁴)	1	100	26	26	1	2	3	(⁴)	3	70
Other and not specified by class of customer.....	85	60	25	4	3	31	45	90	28	28	(³)	2	3	(⁴)	1	90
By sales offices, sales branches, and administrative offices, total.....	526	526	...	100	100	-	-	-	349	349	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	11	11	...	2	2	-	-	-	53	53	...	15	15	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	117	117	...	22	22	-	-	-	122	122	...	35	35	-	-	-
Wholesalers.....	205	205	...	39	39	-	-	-	157	157	...	45	45	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	159	159	...	30	30	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	5	5	...	1	1	-	-	-	5	5	...	1	1	-	-	-
Exports.....	9	9	...	2	2	-	-	-	8	8	...	2	2	-	-	-
Other and not specified by class of customer.....	20	20	...	4	4	-	-	-	4	4	...	1	1	-	-	-
VALVES AND FITTINGS, EXCEPT PLUMBERS' BRASS GOODS AND FITTINGS ²																
By manufacturing establishments, total.....	634	634	...	100	100	-	-	-	...	...	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company.....	220	220	...	35	35	-	-	-	...	...	...	35	35	-	-	-
Separate merchant wholesale establishments of the same company.....	8	8	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	46	46	...	7	7	-	-	-	...	...	...	7	7	-	-	-
Other manufacturers.....	279	279	...	44	44	-	-	-	...	...	...	44	44	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	31	31	...	5	5	-	-	-	...	...	...	5	5	-	-	-
Wholesalers.....	25	25	...	4	4	-	-	-	...	...	...	4	4	-	-	-
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	11	11	...	2	2	-	-	-	...	...	...	2	2	-	-	-
Exports.....	6	6	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Other and not specified by class of customer.....	9	9	...	1	1	-	-	-	...	...	...	1	1	-	-	-
By sales offices, sales branches, and administrative offices, total.....	253	253	...	100	100	-	-	-	...	...	...	100	100	-	-	-
Individuals (household users) and farmers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	73	73	...	29	29	-	-	-	...	...	...	29	29	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	...	...	...	(⁷)	(⁷)	-	-	-
Wholesalers.....	109	109	...	43	43	-	-	-	...	...	...	43	43	-	-	-
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	2	2	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Exports.....	2	2	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(²⁴)	(²⁴)	-	-	-	...	...	...	(²⁴)	(²⁴)	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	LARGE COMPANIES ONLY ⁵					
	Internal combustion engines, except outboard motors	Outboard motors	Percent of total for columns--			
	(A)	(B)	A	B		
By manufacturing establishments, total.....	1,014	156	100	100		
Sales offices, sales branches, and administrative offices of the same company.....	(D)	(D)	(22)	(10)		
Separate merchant wholesale establishments of the same company.....	...	...	-	-
Individuals (household users) and farmers.....	...	...	-	-
Other manufacturing plants of the same company.....	176	...	17	-		
Other manufacturers.....	325	...	32	-		
Industrial, construction, institutional, and commercial users; and State and local Governments.....	56	...	6	-		
Wholesalers.....	77	41	71	8		
Retail stores owned by the same company.....	...	...	-	-
All other retail stores.....	(D)	(D)	(15)	(25)		
Federal Government.....	(D)	(D)	(26)	(7)		
Exports.....	(D)	(D)	(15)	(19)		
Other and not specified by class of customer.....	(D)	(D)	(19)	(4)		
By sales offices, sales branches, and administrative offices of the same company, total..	(D)	(D)	100	100		
Individuals (household users) and farmers.....	...	...	-	-
Other manufacturers.....	26	...	13	-		
Industrial, construction, institutional, and commercial users; and State and local Governments.....	76	...	38	-		
Wholesalers.....	(D)	(D)	(10)	(27)		
Retail stores owned by the same company.....	(3)	...	(4)	-		
All other retail stores.....	(D)	(D)	(13)	(8)		
Federal Government.....	6	...	3	-		
Exports.....	31	...	15	-		
Other and not specified by class of customer.....	23	...	11	-		
LARGE COMPANIES ONLY ⁵ —Continued						
	Wheel tractors, parts and attachments except contractors' off-highway and garden types	Tracklaying tractors, parts and attachments	Other tractors, parts and attachments	Percent of total for columns--		
	(C)	(D)	(E)	C	D	E
By manufacturing establishments, total.....	684	521	149	100	100	100
Sales offices, sales branches, and administrative offices of the same company.....	527	458	46	77	88	31
Separate merchant wholesale establishments of the same company.....	-	-	-
Individuals (household users) and farmers.....	-	-	-
Other manufacturing plants of the same company.....	(D)	41	(D)	(15)	8	(19)
Other manufacturers.....	20	9	13	3	2	9
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	22	(4)	(19)	15
Wholesalers.....	(D)	(D)	32	(29)	(4)	21
Retail stores owned by the same company.....	(D)	-	-	(8)
All other retail stores.....	7	(3)	13	1	(4)	9
Federal Government.....	(3)	(3)	...	-	-	-
Exports.....	21	(D)	(D)	3	(7)	(26)
Other and not specified by class of customer.....	(3)	(3)	...	(4)	(4)	-
By sales offices, sales branches, and administrative offices of the same company, total..	592	544	90	100	100	100
Individuals (household users) and farmers.....	-	-	-
Other manufacturers.....	(D)	(D)	...	(4)	(4)	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	(D)	(4)	(4)	(28)
Wholesalers.....	(D)	51	(D)	(28)	9	(4)
Retail stores owned by the same company.....	12	(D)	(D)	2	(4)	(4)
All other retail stores.....	415	(D)	(D)	70	(30)	(4)
Federal Government.....	(D)	(D)	2	(4)	(10)	2
Exports.....	(D)	184	(D)	(10)	34	(30)
Other and not specified by class of customer.....	(D)	(D)	(D)	(26)	(31)	(25)

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 35 - Machinery, Except Electric

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	LARGE COMPANIES ONLY ² -Continued							
	Power-driven hand tools	Metalworking machinery, except power-driven hand tools	Percent of total for columns--		Household refrigerators and home and farm freezers	Other refrigeration and air-conditioning equipment	Percent of total for columns--	
	(F)	(G)	F	G	(H)	(I)	(H)	(I)
By manufacturing establishments, total.....	206	567	100	100	(²³)	(²³)	100	100
Sales offices, sales branches, and administrative offices of the same company	109	51	53	9	220	236	29	18
Separate merchant wholesale establishments of the same company.....	(D)	(D)	(⁴)	(⁴)	(D)	(D)	(¹⁵)	(⁷)
Individuals (household users) and farmers.....	...	...	-	-	...	...	-	-
Other manufacturing plants of the same company.....	1	21	1	4	...	100	-	8
Other manufacturers.....	8	261	4	46	...	225	-	17
Industrial, construction, institutional, and commercial users; and State and local Governments.....	3	107	1	19	33	131	4	10
Wholesalers.....	40	41	19	7	416	460	55	35
Retail stores owned by the same company.....	(D)	(D)	(⁴)	(⁴)	...	...	-	-
All other retail stores.....	23	...	11	1	8	57	1	4
Federal Government.....	1	11	(⁴)	2	(³)	3	(⁴)	(⁴)
Exports.....	12	69	6	12	34	41	5	3
Other and not specified by class of customer.....	8	5	4	1	1	57	(⁴)	4
By sales offices, sales branches, and administrative offices of the same company, total.....	118	53	100	100	252	274	100	100
Individuals (household users) and farmers.....	...	...	-	-	...	...	-	-
Other manufacturers.....	1	12	1	23	...	11	-	4
Industrial, construction, institutional, and commercial users; and State and local Governments.....	35	29	30	55	25	92	10	33
Wholesalers.....	45	9	38	17	90	115	36	42
Retail stores owned by the same company.....	(D)	...	(¹⁵)	-	...	...	-	-
All other retail stores.....	21	(³)	18	(⁴)	121	38	48	14
Federal Government.....	(D)	1	(¹⁹)	2	(³)	5	(⁴)	2
Exports.....	5	2	4	4	(D)	(D)	(⁴)	(⁸)
Other and not specified by class of customer.....	3	(³)	3	(⁴)	14	6	6	2

D Withheld to avoid disclosure of figures for individual companies. ^r Revised.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard error shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete canvass totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group:

Product group title	Product classes included in the group
<u>MACHINERY, EXCEPT ELECTRICAL</u>	
Steam engines and turbines.....	35111 and 35112
Internal combustion engines, except outboard motors.....	35191-35194 and 35196-35199
Outboard motors.....	35195
Wheel tractors, parts and attachments, except contractors' off-highway and garden types.....	35211 and 35215
Tracklaying tractors, parts and attachments.....	35214 and 35218
Other tractors, parts and attachments.....	35212, 35213, 35216, and 35217
Farm machinery (except tractors).....	35221-35229
Construction and mining machinery.....	35311-35318
Oil-field machinery and tools.....	35321 and 35322
Machine tools.....	35411-35419
Power-driven hand tools.....	35426
Metalworking machinery, except power-driven hand tools.....	35421-35425, 35427, 35428, and 35429
Metalworking machinery and attachments.....	35451, 35452, and 35453
Food-products machinery.....	35511-35515
Textile machinery.....	35521 and 35522
Woodworking machinery.....	35531 and 35532
Paper-industries machinery.....	35540
Printing-trades machinery and equipment.....	35550
Special-industry machinery, n.e.c.....	35591-35597

Footnotes continued on next page.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 35

Product group title	Product classes included in the group
<u>MACHINERY, EXCEPT ELECTRICAL—Continued</u>	
Pumps and compressors.....	35611-35616
Other general industrial machinery (include conveyors, gears, industrial furnaces, heat exchangers, etc.).....	35620-35693
Computing and related machines; including cash registers...	35710
Typewriters.....	35720
Scales and balances.....	35760
Other office and store machines (include duplicating, time stamp, dictating machines, etc.).....	35791, 35792, and 35793
Domestic laundry equipment (household washers, driers, and ironers).....	35811, 35812, and 35813
Vacuum cleaners, attachments, and parts.....	35841 and 35842
*Household refrigerators and home and farm freezers.....	35851 and 35852
*Other refrigeration and air-conditioning equipment.....	35853-35857
Commercial laundry, dry cleaning and pressing machinery, sewing machines, measuring and dispensing pumps, and other service and household machines, n.e.c.....	35820-35833 and 35860-35892
Valves and fittings, except plumbers' brass goods and fittings.....	35911, 35912, and 35913
Ball and roller bearings, including parts and components...	35931-35934

³Less than \$1 million.⁴Less than 1 percent.⁵The end of the table shows the following breakdowns for selected large companies:Internal combustion engines into (a) internal combustion engines, except outboard motors and (b) outboard motors.Tractors into (a) wheel tractors, parts and attachments, except contractors off-highway and garden types (b) tracklaying tractors, parts and attachments, and (c) other tractors, parts and attachments.Metalworking machinery into (a) power-driven hand tools and (b) metalworking machinery, except power-driven hand tools.Refrigeration and air-conditioning equipment into (a) household refrigerators and home and farm freezers and (b) other refrigeration and air-conditioning equipment.⁶Figures are not shown separately for large and small companies because the estimates are considered to be unreliable.⁷Approximately 1 percent.⁸Approximately 3 percent.⁹Approximately 20 percent.¹⁰Approximately 6 percent.¹¹Greater than 100 percent.¹²The combined total of these customer classes amounts to \$9 million, of which the category "retail stores owned by the same company" comprises approximately 75 percent.¹³The combined total of these customer classes amounts to \$40 in column A, and \$39 million in column B; of which the category "Separate merchant wholesale establishments of the same company" comprises approximately 2 percent.¹⁴Approximately 4 percent.¹⁵Approximately 5 percent.¹⁶Approximately 75 percent.¹⁷The combined total of these customer classes is \$47 million, of which shipments to separate merchant wholesale establishments of the same company comprises approximately 8 percent.¹⁸Represents primarily sales of reconditioned typewriters and parts for reconditioned typewriters.¹⁹Approximately 2 percent.²⁰Approximately 30 percent.²¹The combined total of these customer classes amounts to \$23 million, of which sales to other manufacturers amounts to approximately 45 percent.²²Approximately 17 percent.²³The total value of shipments of refrigeration machinery is omitted because of extensive duplication resulting from the use of products of certain establishments as materials by others within the same industry.²⁴Approximately 25 percent.²⁵Approximately 60 percent.²⁶Approximately 8 percent.²⁷Approximately 90 percent.²⁸Approximately 14 percent.²⁹Approximately 11 percent.³⁰Approximately 17 percent.³¹Approximately 35 percent.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

MAJOR GROUP 36 - ELECTRICAL MACHINERY

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
WIRING DEVICES AND SUPPLIES ²									CARBON AND GRAPHITE PRODUCTS AND ELECTRICAL INDUSTRIAL APPARATUS, N.E.C. ²							
By manufacturing establishments, total....	788	717	711	100	100	100	-	-	421	335	86	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	116	116	...	15	16	-	-	-	138	138	...	33	41	-	-	-
Separate merchant wholesale establishments of the same company.....	29	29	...	4	4	-	-	-	6	6	...	1	2	-	-	-
Individuals (household users) and farmers	(³)	(³)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Other manufacturing plants of the same company.....	7	7	...	1	1	-	-	-	47	47	...	11	14	-	-	-
Other manufacturers.....	186	144	42	24	20	59	60	80	105	81	24	25	24	28	11	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	58	51	6	7	7	8	19	50	44	27	17	10	8	20	20	70
Wholesalers.....	323	305	18	41	42	25	9	50	45	10	35	11	3	41	50	80
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	11	9	2	1	1	3	50	80	(D)	(D)	5	(⁵)	(⁴)	6	70	100
Federal Government.....	37	37	(³)	5	5	(⁴)	1	60	5	4	1	1	1	1	14	90
Exports.....	12	12	(³)	1	2	(⁴)	5	80	14	14	(³)	3	4	(⁴)	1	90
Other and not specified by class of customer.....	9	6	3	1	1	4	60	60	10	7	3	2	2	3	25	100
By sales offices, sales branches, and administrative offices, total.....	120	120	...	100	100	-	-	-	143	143	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	10	10	...	8	8	-	-	-	39	39	...	27	27	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	41	41	...	34	34	-	-	-	79	79	...	55	55	-	-	-
Wholesalers.....	58	58	...	48	48	-	-	-	9	9	...	6	6	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(³)	(³)	...	(⁴)	(⁴)	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Federal Government.....	1	1	...	1	1	-	-	-	6	6	...	4	4	-	-	-
Exports.....	1	1	...	1	1	-	-	-	10	10	...	7	7	-	-	-
Other and not specified by class of customer.....	11	11	...	9	9	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
ELECTRICAL MEASURING INSTRUMENTS, INCLUDING INTEGRATING AND TEST EQUIPMENT ²									MOTORS, GENERATORS, GENERATOR SETS, AND OTHER ROTATING EQUIPMENT ²							
By manufacturing establishments, total....	596	482	114	100	100	100	-	-	1,291	1,193	99	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	93	93	...	16	19	-	-	-	496	496	...	38	41	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁴)	(⁵)	-	-	-
Individuals (household users) and farmers	(³)	(³)	(³)	(⁴)	(⁴)	(⁴)	70	(⁶)	(³)	(³)	(³)	(⁴)	(⁴)	(⁴)	50	100
Other manufacturing plants of the same company.....	56	56	...	9	12	-	-	-	136	136	...	10	11	-	-	-
Other manufacturers.....	208	109	99	35	22	87	90	80	455	361	94	35	30	95	15	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	89	88	1	15	18	1	2	80	50	50	...	4	4	-	-	-
Wholesalers.....	20	17	3	3	3	3	30	90	27	23	4	2	2	4	8	70
Retail stores owned by the same company.	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
All other retail stores.....	3	3	...	1	1	-	-	-	6	5	1	(⁴)	(⁴)	1	12	100
Federal Government.....	90	79	10	15	16	9	25	80	58	57	1	4	5	1	1	100
Exports.....	19	18	1	3	4	1	12	80	48	48	...	4	4	-	-	-
Other and not specified by class of customer.....	13	13	(³)	2	3	(⁴)	30	90	9	9	...	1	1	-	-	-
By sales offices, sales branches, and administrative offices, total.....	101	101	...	100	100	-	-	-	564	564	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Other manufacturers.....	16	16	...	16	16	-	-	-	313	313	...	55	55	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	72	72	...	71	71	-	-	-	174	174	...	31	31	-	-	-
Wholesalers.....	9	9	...	9	9	-	-	-	39	39	...	7	7	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	3	3	...	1	1	-	-	-
Federal Government.....	1	1	...	1	1	-	-	-	14	14	...	2	2	-	-	-
Exports.....	1	1	...	1	1	-	-	-	3	3	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	17	17	...	3	3	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

MAJOR GROUP 36 - ELECTRICAL MACHINERY

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
TRANSFORMERS, INCLUDING SPECIALTY POWER AND DISTRIBUTION ²									ELECTRICAL CONTROL APPARATUS, INCLUDING SWITCHGEAR AND SWITCHBOARD ²							
By manufacturing establishments, total....	630	608	22	100	100	100	-	-	1,321	1,223	98	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	383	383	...	61	63	-	-	-	578	578	...	44	47	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁸)	(⁸)	-	-	-	59	59	...	4	5	-	-	-
Individuals (household users) and farmers	(³)	(³)	...	(⁴)	(⁴)	-	-	-	(³)	(³)	(³)	(⁴)	(⁴)	(⁴)	5	80
Other manufacturing plants of the same company.....	30	30	...	5	5	-	-	-	85	85	...	6	7	-	-	-
Other manufacturers.....	70	49	22	11	8	100	4	80	208	185	23	16	15	23	2	25
Industrial, construction, institutional, and commercial users; and State and local Governments.....	59	59	...	9	10	-	-	-	126	88	38	9	7	39	5	20
Wholesalers.....	22	22	...	3	4	-	-	-	134	112	22	10	9	22	4	30
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	3	1	2	(⁴)	(⁴)	2	30	70
Federal Government.....	3	3	...	1	1	-	-	-	30	20	10	2	2	10	18	70
Exports.....	19	19	...	3	3	-	-	-	53	53	(S)	4	4	(S)	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	45	42	3	3	3	3	30	60
By sales offices, sales branches, and administrative offices, total.....	446	446	...	100	100	-	-	-	624	624	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	30	30	...	7	7	-	-	-	154	154	...	25	25	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	354	354	...	79	79	-	-	-	273	273	...	44	44	-	-	-
Wholesalers.....	31	31	...	7	7	-	-	-	128	128	...	20	20	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁹)	(⁹)	-	-	-	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-
Federal Government.....	6	6	...	1	1	-	-	-	21	21	...	3	3	-	-	-
Exports.....	1	1	...	(⁴)	(⁴)	-	-	-	6	6	...	1	1	-	-	-
Other and not specified by class of customer.....	(⁹)	(⁹)	...	(⁹)	(⁹)	-	-	-	(¹⁰)	(¹⁰)	...	(¹⁰)	(¹⁰)	-	-	-
ELECTRICAL WELDING APPARATUS ²									ELECTRICAL APPLIANCES, HOUSEHOLD AND COMMERCIAL, INCLUDING ELECTRIC ²							
By manufacturing establishments, total....	233	190	43	100	100	100	-	-	837	779	57	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	97	86	11	42	45	26	25	90	140	140	...	17	18	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(¹¹)	(⁸)	-	-	-	(D)	(D)	(³)	(¹²)	(¹²)	(⁴)	1	90
Individuals (household users) and farmers	(³)	(³)	(³)	(⁴)	(⁴)	(⁴)	30	100	11	9	2	1	1	3	2	100
Other manufacturing plants of the same company.....	8	8	...	3	4	-	-	-	12	12	(¹³)	(¹³)	(¹³)	(¹³)	xxx	xxx
Other manufacturers.....	32	29	3	14	15	7	25	100	(¹³)	(¹³)	(¹³)	(¹³)	(¹³)	(¹³)	xxx	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	9	5	4	3	3	9	(⁶)	90	12	12	...	1	1	-	-	-
Wholesalers.....	57	35	22	24	18	51	80	90	13446	13994	1353	1353	1350	1393	1	80
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	21	21	(³)	2	3	(⁴)	1	90
All other retail stores.....	7	5	2	3	3	5	60	90	57	57	(³)	7	7	(⁴)	1	50
Federal Government.....	3	3	1	1	1	2	35	90	3	3	...	(⁴)	(⁴)	-	-	-
Exports.....	6	6	...	2	3	-	-	-	26	24	2	3	3	3	1	90
Other and not specified by class of customer.....	4	4	...	2	2	-	-	-	(¹²)	(¹²)	...	(¹²)	(¹²)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	110	99	11	100	100	100	-	-	160	160	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁷)	(⁷)	-	-	-	4	4	...	2	2	-	-	-
Other manufacturers.....	14	14	...	13	14	-	-	-	2	2	...	1	1	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	47	39	8	43	39	72	35	90	2	2	...	1	1	-	-	-
Wholesalers.....	42	39	3	38	39	27	15	90	128	128	...	80	80	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	17	17	...	10	10	-	-	-
Federal Government.....	1	1	...	1	1	-	-	-	1	1	...	1	1	-	-	-
Exports.....	4	4	...	4	4	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	7	7	...	4	4	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

MAJOR GROUP 36 - ELECTRICAL MACHINERY

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
INSULATED WIRE AND CABLE ²																
By manufacturing establishments, total....	1,195	1,084	110	100	100	100	-	-	604	550	48	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	r529	r529	...	r44	r49	-	-	-	(D)	(D)	...	(15)	(15)	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(14)	(14)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(3)	(3)	(3)	(4)	(4)	(4)	50	80
Other manufacturing plants of the same company.....	r122	r122	...	r10	r11	-	-	-	153	153	...	25	27	-	-	-
Other manufacturers.....	207	202	5	34	36	12	1	60	...	...	...	...	...	...	...	...
Industrial, construction, institutional, and commercial users; and State and local Governments.....	r284	r184	r100	r24	r17	r91	r23	r70	4	4	(3)	1	1	(4)	1	90
Wholesalers.....	r193	r193	(3)	16	r18	(4)	1	60	129	92	37	21	16	77	12	50
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
All other retail stores.....	2	2	...	(4)	(4)	-	-	-	13	8	5	2	1	10	25	80
Federal Government.....	33	30	3	3	3	3	4	60	14	14	(3)	2	2	(4)	1	90
Exports.....	6	6	(3)	1	1	(4)	3	90	14	13	1	2	2	2	3	80
Other and not specified by class of customer.....	(14)	(14)	6	(14)	(14)	5	25	70	3	3	(3)	(4)	1	(4)	-	-
By sales offices, sales branches, and administrative offices, total.....	r565	r565	...	100	100	-	-	-	(D)	(D)	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(11)	(11)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	r448	r448	...	r79	r79	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Wholesalers.....	r90	r90	...	r16	r16	-	-	-	(D)	(D)	...	(16)	(16)	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(4)	(4)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(17)	(17)	-	-	-
Federal Government.....	14	14	...	2	2	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Exports.....	4	4	...	1	1	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Other and not specified by class of customer.....	9	9	...	2	2	-	-	-	...	...	...	-	-	-	-	-
ELECTRIC LAMPS (BULBS ONLY) ²																
By manufacturing establishments, total....	395	395	...	100	100	100	-	-	4,476	4,188	288	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	306	306	...	77	77	-	-	-	381	381	...	8	9	-	-	-
Separate merchant wholesale establishments of the same company.....	33	33	...	8	8	-	-	-	228	228	...	5	5	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	16	16	1	(4)	(4)	(4)	3	60
Other manufacturing plants of the same company.....	12	12	...	3	3	-	-	-	217	217	...	5	5	-	-	-
Other manufacturers.....	6	6	...	2	2	-	-	-	1,046	877	169	23	21	59	3	18
Industrial, construction, institutional, and commercial users; and State and local Governments.....	9	9	...	2	2	-	-	-	173	150	23	4	4	8	7	40
Wholesalers.....	14	14	...	4	4	-	-	-	768	729	39	17	17	13	2	25
Retail stores owned by the same company.	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(19)	(19)	-	-	-
All other retail stores.....	(D)	(D)	...	(4)	(4)	-	-	-	157	149	9	3	4	3	2	35
Federal Government.....	2	2	...	1	1	-	-	-	1,228	1,205	22	27	29	7	1	30
Exports.....	11	11	...	3	3	-	-	-	61	60	2	1	1	1	1	30
Other and not specified by class of customer.....	(D)	(D)	...	(4)	(4)	-	-	-	(19)	(19)	23	(19)	(19)	8	24	70
By sales offices, sales branches, and administrative offices, total.....	351	351	...	100	100	-	-	-	481	481	...	100	100	100	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	1	1	...	(4)	(4)	-	-	-
Other manufacturers.....	30	30	...	8	8	-	-	-	53	53	...	11	11	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	114	114	...	32	32	-	-	-	62	62	...	13	13	-	-	-
Wholesalers.....	178	178	...	51	51	-	-	-	199	199	...	41	41	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	(D)	(D)	...	(8)	(8)	-	-	-	90	90	...	19	19	-	-	-
Federal Government.....	10	10	...	3	3	-	-	-	53	53	...	11	11	-	-	-
Exports.....	(D)	(D)	...	(5)	(5)	-	-	-	5	5	...	1	1	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(17)	(17)	-	-	-
RADIO, PHONOGRAPH, AND TELEVISION EQUIPMENT ^{2 18}																
By manufacturing establishments, total....	395	395	...	100	100	100	-	-	4,476	4,188	288	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	306	306	...	77	77	-	-	-	381	381	...	8	9	-	-	-
Separate merchant wholesale establishments of the same company.....	33	33	...	8	8	-	-	-	228	228	...	5	5	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	16	16	1	(4)	(4)	(4)	3	60
Other manufacturing plants of the same company.....	12	12	...	3	3	-	-	-	217	217	...	5	5	-	-	-
Other manufacturers.....	6	6	...	2	2	-	-	-	1,046	877	169	23	21	59	3	18
Industrial, construction, institutional, and commercial users; and State and local Governments.....	9	9	...	2	2	-	-	-	173	150	23	4	4	8	7	40
Wholesalers.....	14	14	...	4	4	-	-	-	768	729	39	17	17	13	2	25
Retail stores owned by the same company.	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(19)	(19)	-	-	-
All other retail stores.....	(D)	(D)	...	(4)	(4)	-	-	-	157	149	9	3	4	3	2	35
Federal Government.....	2	2	...	1	1	-	-	-	1,228	1,205	22	27	29	7	1	30
Exports.....	11	11	...	3	3	-	-	-	61	60	2	1	1	1	1	30
Other and not specified by class of customer.....	(D)	(D)	...	(4)	(4)	-	-	-	(19)	(19)	23	(19)	(19)	8	24	70
By sales offices, sales branches, and administrative offices, total.....	351	351	...	100	100	-	-	-	481	481	...	100	100	100	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	1	1	...	(4)	(4)	-	-	-
Other manufacturers.....	30	30	...	8	8	-	-	-	53	53	...	11	11	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	114	114	...	32	32	-	-	-	62	62	...	13	13	-	-	-
Wholesalers.....	178	178	...	51	51	-	-	-	199	199	...	41	41	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	(D)	(D)	...	(8)	(8)	-	-	-	90	90	...	19	19	-	-	-
Federal Government.....	10	10	...	3	3	-	-	-	53	53	...	11	11	-	-	-
Exports.....	(D)	(D)	...	(5)	(5)	-	-	-	5	5	...	1	1	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(17)	(17)	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-79

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

MAJOR GROUP 36 - ELECTRICAL MACHINERY

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
ELECTRONIC TUBES ²									PHONOGRAPH RECORDS ²							
By manufacturing establishments, total....	1,028	983	45	100	100	100	-	-	136	136	...	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	380	380	...	37	39	-	-	-	62	62	...	45	45	-	-	-
Separate merchant wholesale establishments of the same company.....	7	7	...	1	1	-	-	-	(D)	(D)	...	(²⁰)	(²⁰)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(²⁰)	(²⁰)	-	-	-
Other manufacturing plants of the same company.....	184	184	...	18	19	-	-	-	(D)	(D)	...	(⁷)	(⁷)	-	-	-
Other manufacturers.....	224	206	18	22	21	40	6	80	(D)	(D)	...	(²¹)	(²¹)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	9	9	...	1	1	-	-	-	1	1	...	1	1	-	-	-
Wholesalers.....	115	88	27	11	9	60	17	80	36	36	...	26	26	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁴)	(⁴)	-	-	-
Federal Government.....	88	88	...	8	9	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Exports.....	13	13	...	1	1	-	-	-	(³)	(³)	...	(⁴)	(⁴)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	392	392	...	100	100	-	-	-	123	123	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(²²)	(²²)	-	-	-
Other manufacturers.....	181	181	...	46	46	-	-	-	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	18	18	...	5	5	-	-	-	3	3	...	2	2	-	-	-
Wholesalers.....	169	169	...	43	43	-	-	-	23	23	...	19	19	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	53	53	...	43	43	-	-	-
Federal Government.....	14	14	...	3	3	-	-	-	3	3	...	2	2	-	-	-
Exports.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	3	3	...	2	2	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	...	...	...	-	-	-	-	-
TELEPHONE AND TELEGRAPH EQUIPMENT ²									COMMUNICATION EQUIPMENT, N.E.C., EXCLUDING RADIO, T.V., AND TELEPHONE AND TELEGRAPH ²							
By manufacturing establishments, total....	1,156	1,132	24	100	100	100	-	-	139	118	21	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	779	779	...	67	69	-	-	-	14	14	...	10	12	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	(³)	(¹⁷)	(¹⁷)	1	7	100
Other manufacturing plants of the same company.....	(D)	(D)	...	(²³)	(²³)	-	-	-	9	9	...	6	8	-	-	-
Other manufacturers.....	9	9	...	1	1	-	-	-	7	7	...	5	6	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	103	89	14	9	8	58	13	100	61	43	17	44	36	81	45	80
Wholesalers.....	23	23	...	2	2	-	-	-	19	18	(³)	14	15	2	1	30
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(S)	(D)	...	(S)	(⁴)	8	-	70
Federal Government.....	37	27	10	3	2	42	25	100	5	4	1	4	3	5	35	80
Exports.....	3	3	...	(⁴)	(⁴)	-	-	-	3	3	...	2	3	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(¹⁵)	(¹⁵)	-	-	-
By sales offices, sales branches, and administrative offices, total.....	854	854	...	100	100	-	-	-	14	14	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁴)	(⁴)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(²⁰)	(²⁰)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	825	825	...	96	96	-	-	-	(D)	(D)	...	(²¹)	(²¹)	-	-	-
Wholesalers.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	9	9	...	64	64	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	19	19	...	2	2	-	-	-	(D)	(D)	...	(²³)	(²³)	-	-	-
Exports.....	8	8	...	1	1	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁴)	(⁴)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

MAJOR GROUP 36 - ELECTRICAL MACHINERY

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies, total (million dollars)	Small companies, total (million dollars)	Percent of total for columns--			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies, total (million dollars)	Small companies, total (million dollars)	Percent of total for columns--			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
STORAGE BATTERIES ²																
By manufacturing establishments, total....	361	320	42	100	100	100	-	-	136	136	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(15)	(21)	-	-	-	67	67	...	49	49	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	2	(3)	2	1	(4)	5	50	100	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturing plants of the same company.....	26	26	...	7	8	-	-	-	9	9	...	7	7	-	-	-
Other manufacturers.....	20	20	...	5	6	-	-	-	16	16	...	12	12	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	38	38	...	10	12	-	-	-	4	4	...	3	3	-	-	-
Wholesalers.....	111	98	12	31	31	29	6	100	24	24	...	18	18	-	-	-
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	69	41	27	19	13	65	20	100	(D)	(D)	...	(5)	(5)	-	-	-
Federal Government.....	23	23	...	6	7	-	-	-	13	13	...	9	9	-	-	-
Exports.....	2	2	...	1	1	-	-	-	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(24)	(24)	-	-	-	...	...	...	-	-	-	-	-
By sales offices, sales branches, and administrative offices, total.....	89	89	...	100	100	-	-	-	78	78	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Other manufacturers.....	(D)	(D)	...	(21)	(21)	-	-	-	(D)	(D)	...	(24)	(24)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(25)	(25)	-	-	-	(D)	(D)	...	(11)	(11)	-	-	-
Wholesalers.....	36	36	...	40	40	-	-	-	47	47	...	60	60	-	-	-
Retail stores owned by the same company..	(D)	(D)	...	(17)	(17)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	11	11	...	12	12	-	-	-	(D)	(D)	...	(24)	(24)	-	-	-
Federal Government.....	(D)	(D)	...	(24)	(24)	-	-	-	(D)	(D)	...	(21)	(21)	-	-	-
Exports.....	(D)	(D)	...	(5)	(5)	-	-	-	6	6	...	8	8	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
APPLIANCE WIRE, CORD, AND CORD SETS, AND ELECTRICAL PRODUCTS, N.E.C. ²																
By manufacturing establishments, total.....	282	197	85	100	100	100	-	-	282	197	85	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company.....	21	21	...	7	11	-	-	-	21	21	...	7	11	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(4)	(4)	-	-	-	(D)	(D)	...	(4)	(4)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(11)	(8)	-	-	-	(D)	(D)	...	(11)	(8)	-	-	-
Other manufacturing plants of the same company.....	42	42	...	15	21	-	-	-	42	42	...	15	21	-	-	-
Other manufacturers.....	36	36	...	13	18	-	-	-	36	36	...	13	18	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	10	5	5	3	2	6	60	100	10	5	5	3	2	6	60	100
Wholesalers.....	74	42	32	26	21	38	25	50	74	42	32	26	21	38	25	50
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	59	15	43	21	8	51	70	90	59	15	43	21	8	51	70	90
Federal Government.....	17	17	1	6	9	1	4	100	17	17	1	6	9	1	4	100
Exports.....	7	4	3	2	2	3	45	100	7	4	3	2	2	3	45	100
Other and not specified by class of customer.....	6	4	1	2	2	1	25	80	6	4	1	2	2	1	25	80
By sales offices, sales branches, and administrative offices, total.....	22	22	...	100	100	-	-	-	22	22	...	100	100	-	-	-
Individuals (household users) and farmers.....	(D)	(D)	...	(5)	(5)	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Other manufacturers.....	3	3	...	12	12	-	-	-	3	3	...	12	12	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(25)	(25)	-	-	-	(D)	(D)	...	(25)	(25)	-	-	-
Wholesalers.....	9	9	...	42	42	-	-	-	9	9	...	42	42	-	-	-
Retail stores owned by the same company.....	(D)	(D)	...	-	-	-	-	-	(D)	(D)	...	-	-	-	-	-
All other retail stores.....	(3)	(3)	...	(25)	(25)	-	-	-	(3)	(3)	...	(25)	(25)	-	-	-
Federal Government.....	(3)	(3)	...	(4)	(4)	-	-	-	(3)	(3)	...	(4)	(4)	-	-	-
Exports.....	(3)	(3)	...	1	1	-	-	-	(3)	(3)	...	1	1	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(8)	(8)	-	-	-	(D)	(D)	...	(8)	(8)	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

MAJOR GROUP 36 - ELECTRICAL MACHINERY

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY ¹⁸					
	Household radios, phonographs, radio-phonographs, TV receivers, including TV combinations	Electronic components for communications	Commercial radio and TV, communications and navigation equipment, audio equipment, and other radio and TV apparatus, NEC	Percent of total for columns—		
	(A)	(B)	(C)	(A)	(B)	(C)
By manufacturing establishments, total.....	1,330	800	1,771	100	100	100
Sales offices, sales branches, and administrative offices of the same company..	213	56	112	16	7	6
Separate merchant wholesale establishments of the same company.....	164	9	55	12	1	3
Individuals (household users) and farmers.....	(³)	1	11	(⁴)	(⁴)	1
Other manufacturing plants of the same company.....	87	71	59	6	9	3
Other manufacturers.....	49	414	281	4	52	16
Industrial, construction, institutional, and commercial users; and State and local Governments.....	1	57	81	(⁴)	7	4
Wholesalers.....	550	79	38	41	10	2
Retail stores owned by the same company.....	(D)	...	(D)	(²⁴)	-	(⁴)
All other retail stores.....	106	2	17	8	(⁴)	1
Federal Government.....	3	81	1,080	(⁴)	10	61
Exports.....	16	17	21	1	2	1
Other and not specified by class of customer.....	23	12	9	2	2	1
By sales offices, sales branches, and administrative offices, total.....	284	61	136	100	100	100
Individuals (household users) and farmers.....	(³)	...	(³)	(⁴)	-	(⁴)
Other manufacturers.....	(D)	29	(D)	(¹⁷)	48	(¹⁵)
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(³)	7	55	(⁴)	11	40
Wholesalers.....	171	18	10	60	30	7
Retail stores owned by the same company.....	(D)	(D)	...	(⁵)	(⁵)	-
All other retail stores.....	84	(D)	(D)	30	(⁴)	(⁸)
Federal Government.....	(³)	4	49	(⁴)	7	36
Exports.....	3	1	1	1	2	1
Other and not specified by class of customer.....	(D)	(D)	...	(⁸)	(⁵)	-

D Withheld to avoid disclosure of figures for individual companies. ¹⁸ Revised.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard errors shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete canvass totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group.

Product group title	Product classes included in the group
ELECTRICAL MACHINERY	
Wiring devices and supplies.....	36111, 36112, and 36113
Electrical measuring instruments, including integrating and test equipment.....	36131, 36132, and 36133
Motors, generators, generator sets, and other rotating equipment.....	36141-36146
Transformers, including specialty, power, and distribution.....	36151, 36152, and 36153
Electrical control apparatus, including switchgear and switchboard.....	36161, 36162, and 36163
Electrical welding apparatus.....	36171, 36172, and 36173
Carbon and graphite products and electrical industrial apparatus, n.e.c.....	36120, 36191, 36192, and 36193
Electrical appliances, household and commercial, including electric ranges..	36211-36216
Insulated wire and cable.....	36311 and 36312
Engine electrical equipment.....	36411 and 36412
Electric lamps (bulbs only).....	36510
Household radios, phonographs, radio-phonographs, TV receivers, including TV combinations.....	36611, 36612, and 36613
Electronic components for communications.....	36615
Commercial radio and TV, communications and navigation equipment, audio equipment, and other radio and TV apparatus, n.e.c.....	36614, 36616, and 36617
Electronic tubes.....	36621-36625
Phonograph records.....	36631 and 36632
Telephone and telegraph equipment.....	36640
Communication equipment, n.e.c., excluding radio, TV, and telephone and telegraph.....	36691, 36692, and 36693
Storage batteries.....	36911, 36912, and 36913
Primary batteries, dry and wet.....	36920
Appliance wire, cord, and cord sets, and electrical products, n.e.c.....	36991-36994

Footnotes continued on following page.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

MAJOR GROUP 36 - ELECTRICAL MACHINERY

FOOTNOTES FOR MAJOR GROUP 36

³Less than \$1 million.⁴Less than 1 percent.⁵Approximately 1 percent.⁶Greater than 100 percent.⁷Approximately 2 percent.⁸Approximately 5 percent.⁹The combined total of these customer classes amounts to \$25 million, of which the category "All other retail stores" comprises approximately 17 percent.¹⁰The combined total of these customer classes amounts to \$42 million, of which the category "All other retail stores" comprises approximately 4 percent.¹¹Approximately 4 percent.¹²The combined total of these customer classes amounts to \$107 million, in columns A and B, of which the category "Separate merchant wholesale establishments of the same company" comprises approximately 90 percent.¹³Shipments to other manufacturers, amounting to \$75 million in column A, \$24 million in column B, and \$51 million in column C, have been combined with the category "wholesalers" because the estimates are considered to be unreliable.¹⁴The combined total of these customer classes amounts to \$26 million in column A and \$20 million in column B, of which the category "Separate merchant wholesale establishments of the same company" comprises approximately 35 percent and 45 percent, respectively.¹⁵Approximately 11 percent.¹⁶Approximately 90 percent.¹⁷Approximately 3 percent.¹⁸The end of this table shows a breakdown reported by selected large companies into (a) household radios, phonographs, radio-phonographs, TV receivers, including TV combinations, (b) electronic components for communications, and (c) commercial radio and TV, communications and navigation equipment, audio equipment, and other radio and TV apparatus, n.e.c. The sum of this separate information is less than the corresponding total for all large companies. This difference is due to the fact that some larger companies did not report this breakdown but only the total.¹⁹The combined total of these customer classes amounts to \$199 million in column A and \$176 million in column B, of which the category "Retail stores owned by the same company" comprises approximately 60 percent and 75 percent, respectively.²⁰Approximately 6 percent.²¹Approximately 14 percent.²²Approximately 25 percent.²³Approximately 17 percent.²⁴Approximately 8 percent.²⁵Approximately 20 percent.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 37 - Transportation Equipment

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
TRUCK AND BUS BODIES ²									TRUCK, TRAILERS AND CHASSIS ²							
By manufacturing establishments, total....	278	175	103	100	100	100	-	-	284	225	59	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	12	12	...	4	7	-	-	-	105	105	...	37	47	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Individuals (household users) and farmers	5	(⁴)	4	2	(⁵)	4	35	40	1	1	...	(⁵)	(³)	-	-	-
Other manufacturing plants of the same company.....	1	1	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other manufacturers.....	42	24	18	15	14	17	18	45	5	2	2	2	1	3	20	80
Industrial, construction, institutional, and commercial users; and State and local Governments.....	86	58	28	31	33	27	7	20	104	64	40	37	28	68	1	60
Wholesalers.....	78	41	37	28	23	36	12	25	17	17	(⁴)	6	8	(⁵)	1	70
Retail stores owned by the same company.	(D)	(D)	...	(⁵)	(⁵)	-	-	-	...	...	...	...	...	...	...	...
All other retail stores.....	16	7	9	6	4	9	20	35	13	10	3	5	4	5	9	70
Federal Government.....	13	11	3	5	6	3	13	70	28	20	9	10	9	15	15	90
Exports.....	9	9	(⁴)	3	5	(⁵)	1	60	1	1	(⁴)	(³)	(⁵)	(⁵)	15	90
Other and not specified by class of customer.....	13	10	3	5	6	3	14	60	10	5	5	4	2	9	25	60
By sales offices, sales branches, and administrative offices, total.....	13	13	...	100	100	-	-	-	153	153	...	100	100	-	-	-
Individuals (household users) and farmers	(⁴)	(⁴)	...	1	1	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Other manufacturers.....	(D)	(D)	...	(⁶)	(⁶)	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	4	4	...	31	31	-	-	-	(D)	(D)	...	(⁸)	(⁸)	-	-	-
Wholesalers.....	4	4	...	31	31	-	-	-	(D)	(D)	...	(⁹)	(⁹)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Federal Government.....	(D)	(D)	...	(⁷)	(⁷)	-	-	-	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-
Exports.....	(⁴)	(⁴)	...	3	3	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	...	...	...	-	-	-	-	-
AUTOMOBILE TRAILERS AND CHASSIS ²									MOTOR VEHICLES, PARTS AND ACCESSORIES ^{2 12}							
By manufacturing establishments, total....	487	235	252	100	100	100	-	-	19,773	19,756	17	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(³)	(³)	-	-	-	12,029	12,029	...	61	61	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	...	(D)	(⁵)	-	(⁵)	90	90	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Individuals (household users) and farmers	3	2	2	1	1	1	25	50	21	21	(⁴)	(⁵)	(⁵)	(⁵)	1	25
Other manufacturing plants of the same company.....	...	...	...	-	-	-	-	-	4,873	4,873	(⁴)	25	25	(⁵)	1	70
Other manufacturers.....	19	5	15	4	2	6	45	60	1,697	1,693	4	9	8	24	1	45
Industrial, construction, institutional, and commercial users; and State and local Governments.....	5	1	5	1	(⁵)	2	40	50	110	108	2	1	1	12	4	60
Wholesalers.....	153	64	89	31	27	35	15	30	548	540	8	3	3	47	4	80
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
All other retail stores.....	292	156	137	60	66	54	10	20	116	114	2	1	1	12	5	100
Federal Government.....	6	1	5	1	(⁵)	2	80	90	87	87	(⁴)	(⁵)	(⁵)	(⁵)	1	90
Exports.....	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-	197	197	...	1	1	-	-	-
Other and not specified by class of customer.....	6	(D)	(D)	1	(¹¹)	(³)	15	75	74	74	(⁴)	(⁵)	(⁵)	2	1	60
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	100	100	-	-	-	13,527	13,527	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	138	138	...	1	1	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	639	639	...	5	5	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	1,022	1,022	...	8	8	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	189	189	...	1	1	-	-	-
All other retail stores.....	(D)	(D)	...	100	100	-	-	-	10,672	10,672	...	79	79	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	106	106	...	1	1	-	-	-
Exports.....	...	...	...	-	-	-	-	-	627	627	...	5	5	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 37 - Transportation Equipment

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
COMPLETE AIRCRAFT AND AERONAUTICAL DEVICES ^{2 12}									ENGINES FOR AIRCRAFT AND MISSILES ^{2 12}							
By manufacturing establishments, total....	5,343	5,343	...	100	100	-	-	-	6,180	6,007	173	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(14)	(14)	-	-	-	458	458	...	7	8	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(4)	(4)	(4)	(5)	(5)	(5)	17	70
Other manufacturing plants of the same company.....	9	9	...	(5)	(5)	-	-	-	170	170	...	3	3	-	-	-
Other manufacturers.....	46	46	...	1	1	-	-	-	1,920	1,786	134	31	30	77	4	30
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(15)	(15)	...	(15)	(15)	-	-	-	218	201	(S)	4	3	(S)	70	-
Wholesalers.....	53	53	...	1	1	-	-	-	20	16	4	(5)	(5)	2	15	45
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	3	3	(4)	(5)	(5)	(5)	5	90
Federal Government.....	15,110	15,110	...	95	95	-	-	-	3,303	3,287	16	54	55	9	1	50
Exports.....	10	10	...	(5)	(5)	-	-	-	31	30	(4)	1	1	(5)	1	50
Other and not specified by class of customer.....	(14)	(14)	...	(14)	(14)	-	-	-	56	54	2	1	1	1	3	45
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	100	100	-	-	-	478	478	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	62	62	...	13	13	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	11	11	...	2	2	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	2	2	...	(5)	(5)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	329	329	...	69	69	-	-	-
Exports.....	(D)	(D)	...	100	100	-	-	-	75	75	...	16	16	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
COMPLETE PROPELLERS AND PARTS ²									SHIP BUILDING AND REPAIRING, MILITARY AND NONMILITARY ²							
By manufacturing establishments, total....	167	167	...	100	100	-	-	-	1,467	1,398	70	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	8	8	...	5	5	-	-	-	...	...	...	-	-	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	14	8	7	1	1	10	19	60
Other manufacturing plants of the same company.....	(D)	(D)	...	(3)	(3)	-	-	-	(4)	(4)	...	(5)	(5)	-	-	-
Other manufacturers.....	20	20	...	12	12	-	-	-	6	6	...	(5)	(3)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	8	8	...	5	5	-	-	-	757	733	24	52	52	34	1	30
Wholesalers.....	(D)	(D)	...	(5)	(5)	-	-	-	1	...	1	(5)	-	1	65	100
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	9	9	...	1	1	-	-	-
Federal Government.....	126	126	...	75	75	-	-	-	572	561	10	39	40	14	1	40
Exports.....	4	4	...	3	3	-	-	-	2	2	...	(5)	(5)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	107	80	27	7	6	39	7	40
By sales offices, sales branches, and administrative offices, total.....	8	8	...	100	100	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	(D)	(D)	...	(16)	(16)	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Exports.....	(D)	(D)	...	(8)	(8)	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 37 - Transportation Equipment

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
BOAT BUILDING AND REPAIRING, MILITARY AND NONMILITARY ²									LOCOMOTIVES, RAILROAD AND STREET CARS, AND PARTS ²							
By manufacturing establishments, total....	300	127	173	100	100	100	-	-	884	873	11	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	(D)	(D)	...	(³)	(³)	-	-	-	299	299	...	34	34	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Individuals (household users) and farmers	35	7	28	12	6	16	25	40	...	...	...	-	-	-	-	-
Other manufacturing plants of the same company.....	(D)	(D)	(⁴)	(⁵)	(⁵)	-	-	-	22	22	...	2	3	-	-	-
Other manufacturers.....	1	1	(⁴)	(⁵)	1	(⁵)	7	70	69	64	...	4	8	7	36	4 90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	49	18	32	16	14	18	15	30	307	307	...	35	35	-	-	-
Wholesalers.....	80	61	19	27	48	11	11	60	9	9	...	1	1	-	-	-
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	78	22	57	26	17	33	25	45	...	...	...	-	-	-	-	-
Federal Government.....	14	11	3	5	9	2	6	45	2	2	...	(⁵)	(⁵)	-	-	-
Exports.....	1	1	(⁴)	(⁵)	(⁵)	(⁵)	25	100	127	127	(⁴)	14	15	4	1	90
Other and not specified by class of customer.....	38	3	36	13	2	21	-	-	48	43	6	5	5	55	7	90
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	...	100	100	-	-	-	369	369	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(¹⁷)	(¹⁷)	-	-	-	...	...	...	-	-	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	27	27	...	7	7	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(³)	(³)	-	-	-	253	253	...	68	68	-	-	-
Wholesalers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Retail stores owned by the same company..	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(¹⁸)	(¹⁸)	-	-	-	...	...	...	-	-	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	(⁴)	(⁴)	...	(⁵)	(⁵)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	38	38	...	10	10	-	-	-
Shipments and sales to the designated class of customer									MOTORCYCLES, BICYCLES, AND OTHER TRANSPORTATION EQUIPMENT ²							
By manufacturing establishments, total.....	159	151	9	100	100	100	-	-	...	...	...	100	100	-	-	-
Sales offices, sales branches, and administrative offices of the same company.....	17	17	...	11	11	-	-	-	...	...	...	(⁵)	(⁵)	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁵)	(⁵)	-	-	-	...	...	...	1	1	-	-	-
Other manufacturing plants of the same company.....	2	2	...	1	1	-	-	-	2	2	...	1	1	-	-	-
Other manufacturers.....	11	11	...	7	7	-	-	-	...	...	...	7	7	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2	2	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Wholesalers.....	78	73	5	49	48	56	2	60	...	...	...	-	-	-	-	-
Retail stores owned by the same company.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	27	27	...	17	18	-	-	-	...	...	...	17	18	-	-	-
Federal Government.....	4	1	...	4	2	1	44	20	70	...	...	2	1	-	-	-
Exports.....	2	2	...	1	1	-	-	-	...	...	...	1	1	-	-	-
Other and not specified by class of customer.....	16	16	...	10	11	-	-	-	...	...	...	10	11	-	-	-
By sales offices, sales branches, and administrative offices, total.....	17	17	...	100	100	-	-	-	...	...	...	100	100	-	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other manufacturers.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(¹⁶)	(¹⁶)	-	-	-	(D)	(D)	...	(¹⁶)	(¹⁶)	-	-	-
Wholesalers.....	3	3	...	18	18	-	-	-	...	...	...	18	18	-	-	-
Retail stores owned by the same company.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-
All other retail stores.....	8	8	...	47	47	-	-	-	...	...	...	47	47	-	-	-
Federal Government.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
Exports.....	1	1	...	6	6	-	-	-	...	...	...	6	6	-	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(³)	(³)	-	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

Major Group 37 - Transportation Equipment

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY ¹²											
	Passenger cars (assembled and knock-down)	Trucks, truck chassis and truck tractors	Motor coaches, fire department and combat vehicles	Motor vehicle parts and accessories, including bodies	Percent of total for columns—				Complete aircraft	Aeronautical services—modification, overhaul, research, and development	Percent of total for columns—	
	A	B	C	D	A	B	C	D	E	F	E	F
By manufacturing establishments, total....	9,361	1,921	118	8,129	100	100	100	100	4,473	858	100	100
Sales offices, sales branches, and administrative offices of the same company..	8,840	1,774	(D)	(D)	94	92	(19)	(20)	(D)	(D)	(5)	(5)
Separate merchant wholesale establishments of the same company.....	(D)	...	...	1	(5)	-	-	(5)	...	...	-	-
Individuals (household users) and farmers	(D)	...	...	(D)	(5)	-	-	(5)	...	...	-	-
Other manufacturing plants of the same company.....	(D)	42	(D)	4,738	(3)	2	(3)	58	(D)	(D)	(5)	(3)
Other manufacturers.....	29	(D)	(D)	1,535	(5)	(5)	(11)	19	(D)	(D)	(5)	(9)
Industrial, construction, institutional, and commercial users; and State and local Governments.....	2	2	72	12	(5)	(5)	61	(5)	(21)	(21)	(21)	(21)
Wholesalers.....	(D)	33	(D)	182	(7)	2	(3)	2	(D)	(D)	(3)	(5)
Retail stores owned by the same company.	(D)	(D)	...	(D)	(5)	(5)	-	(5)	...	...	-	-
All other retail stores.....	(D)	(D)	(D)	29	(5)	(5)	(5)	(5)	...	...	-	-
Federal Government.....	(D)	30	(D)	28	(5)	2	(20)	(5)	214,291	21806	2196	2194
Exports.....	40	(D)	(D)	138	1	(3)	(9)	2	9	2	(5)	(5)
Other and not specified by class of customer.....	...	(D)	(D)	58	-	(5)	(17)	1	105	(D)	2	(5)
By sales offices, sales branches, and administrative offices, total.....	9,302	2,154	(D)	(D)	100	100	100	100	(D)	(D)	100	100
Individuals (household users) and farmers	(D)	66	...	(D)	(3)	3	-	(3)	...	...	-	-
Other manufacturers.....	(D)	...	...	62	(5)	-	-	3	...	...	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	339	(D)	159	(3)	16	(8)	8	...	...	-	-
Wholesalers.....	(D)	446	(D)	428	(11)	21	(9)	21	...	...	-	-
Retail stores owned by the same company.	(D)	(D)	...	37	(5)	(16)	-	2	...	...	-	-
All other retail stores.....	8,679	774	...	1,219	94	36	-	59	...	...	-	-
Federal Government.....	14	86	(D)	(D)	(5)	4	(3)	(5)	...	...	-	-
Exports.....	250	299	(D)	(D)	3	14	(10)	(9)	(D)	(D)	100	100
Other and not specified by class of customer.....	(D)	...	...	(D)	(5)	-	-	(7)	...	...	-	-

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY ¹² —Continued					
	Complete engines for aircraft	Engines for missiles	Parts for aircraft, missiles, and engines	Percent of total for columns—		
	G	H	I	G	H	I
By manufacturing establishments, total.....	1,185	620	3,964	100	100	100
Sales offices, sales branches, and administrative offices of the same company.....	(D)	(D)	170	(9)	(22)	4
Separate merchant wholesale establishments of the same company.....	(D)	...	(D)	(5)	-	(5)
Individuals (household users) and farmers.....	...	...	(D)	-	-	(5)
Other manufacturing plants of the same company.....	(D)	(D)	170	(5)	(5)	4
Other manufacturers.....	77	27	1,535	6	4	39
Industrial, construction, institutional, and commercial users; and State and local Governments	(D)	(D)	113	(23)	(5)	3
Wholesalers.....	...	...	13	-	-	(5)
Retail stores owned by the same company.....	...	...	(D)	-	-	-
All other retail stores.....	...	...	1	-	-	(5)
Federal Government.....	994	346	1,892	84	56	48
Exports.....	(D)	...	(D)	(3)	-	(3)
Other and not specified by class of customer.....	...	(4)	49	-	(5)	1
By sales offices, sales branches, and administrative offices, total.....	(D)	(D)	186	100	100	100
Individuals (household users) and farmers.....	...	...	...	-	-	-
Other manufacturers.....	...	(4)	62	-	(3)	33
Industrial, construction, institutional, and commercial users; and State and local Governments.	...	...	11	-	-	6
Wholesalers.....	(D)	...	(D)	(3)	-	(3)
Retail stores owned by the same company.....	...	...	...	-	-	-
All other retail stores.....	(D)	...	(D)	(5)	-	(5)
Federal Government.....	(D)	(D)	54	(24)	(25)	29
Exports.....	17	...	58	39	-	31
Other and not specified by class of customer.....	...	...	...	-	-	-

See footnotes on next page.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

FOOTNOTES FOR MAJOR GROUP 37

D Withheld to avoid disclosure of figures for individual companies. ^rRevised.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard errors shown in these columns indicated the range of differences that can be expected between the estimates and comparable complete canvass totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group.

Product group title	Product classes included in the group
<u>TRANSPORTATION EQUIPMENT¹</u>	
Truck and bus bodies.....	37131 and 37132
Truck trailers and chassis.....	37150
Automobile trailers and chassis.....	37160
Passenger cars (assembled and knock-down).....	37171
Trucks, truck chassis and truck tractors.....	37172
Motor coaches, fire department and combat vehicles.....	37173, 37176, and 37177
Motor vehicle parts and accessories, including bodies.....	37174 and 37175
Complete aircraft.....	37211 and 37212
Aeronautical services—modification, overhaul, research, and development.....	37214 and 37215
Complete engines for aircraft.....	37221
Engines for missiles.....	37223
Complete propellers and parts.....	37230
Parts for aircraft, missiles, and engines.....	37222, 37291, and 37292
Ship building and repairing, military and non-military.....	37311-37316
Boat building and repairing, military and non-military.....	37321-37324
Locomotives and railroad and street cars and parts.....	37411-37415 and 37421-37425
Motorcycles and bicycles and other transportation equipment	37511-37990

³Approximately 1 percent.

⁴Less than \$1 million.

⁵Less than 1 percent.

⁶Approximately 25 percent.

⁷Approximately 3 percent.

⁸Approximately 75 percent.

⁹Approximately 4 percent.

¹⁰Approximately 14 percent.

¹¹Approximately 2 percent.

¹²The end of this table shows the following breakdowns for selected large companies: Motor vehicles, parts and accessories into (a) passenger cars (assembled and knock-down), (b) trucks, truck chassis and truck tractors, (c) motor coaches, fire department and combat vehicles, and (d) motor vehicle parts and accessories, including bodies. Complete aircraft and aeronautical services into (a) complete aircraft, and (b) aeronautical services—modification, overhaul, research, and development. Engines for aircraft and missiles into (a) complete engines for aircraft, (b) engines for missiles, and (c) parts for aircraft, missiles, and engines. The sum of this separate information is less than the corresponding total for all large companies. This difference is due to the fact that some large companies did not report this breakdown, but only the total.

¹³Represents total value of work done.

¹⁴The combined total of these customer classes amounts to \$115 million, of which shipments to sales offices, sales branches, and administrative offices of the same company comprises approximately 5 percent.

¹⁵Shipments to industrial, construction, institutional and commercial users, and State and local Governments, amounting to approximately \$400 million each in columns A and B, have been combined with the category "Federal Government" because the estimates are considered to be unreliable.

¹⁶Approximately 30 percent.

¹⁷Approximately 6 percent.

¹⁸Approximately 90 percent.

¹⁹Approximately 11 percent.

²⁰Approximately 17 percent.

²¹Shipments to industrial, construction, institutional and commercial users, and State and local Governments, amounting to approximately \$20 million in column E, and \$300 million in column F, have been combined with the category "Federal Government" because the estimates are considered to be unreliable.

²²Approximately 45 percent.

²³Approximately 5 percent.

²⁴Approximately 60 percent.

²⁵Approximately 99 percent.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 38 - Instruments and Related Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies ¹ (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ² — (percent)		All companies, total (million dollars)	Large companies ¹ (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ² — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
AIRCRAFT FLIGHT INSTRUMENTS, AUTOMATIC PILOTS, AND OTHER LABORATORY AND SCIENTIFIC INSTRUMENTS ³									MECHANICAL MEASURING INSTRUMENTS, INCLUDING INDUSTRIAL PROCESS, AND AUTOMATIC TEMPERATURE CONTROLS ³							
By manufacturing establishments, total....	871	751	120	100	100	100	-	-	1,068	922	146	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	108	107	1	12	14	1	1	90	390	390	...	36	42	-	-	-
Separate merchant wholesale establishments of the same company.....	(4)	(4)	...	(5)	(5)	-	-	-	6	6	...	1	1	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(4)	(4)	(4)	(5)	(5)	(5)	16	90
Other manufacturing plants of the same company.....	4	4	...	(5)	1	-	-	-	43	43	...	4	5	-	-	-
Other manufacturers.....	253	231	22	29	31	18	3	50	242	198	44	23	21	30	4	40
Industrial, construction, institutional, and commercial users; and State and local Governments.....	35	35	(8)	4	5	(8)	-	50	183	124	59	17	14	41	8	45
Wholesalers.....	63	22	41	7	3	34	19	40	72	49	23	7	5	16	11	60
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(8)	(8)	-	-	-
All other retail stores.....	1	1	(4)	(5)	(5)	(5)	9	100	6	4	2	1	(5)	2	13	60
Federal Government.....	333	328	5	38	44	4	1	80	56	45	11	5	5	8	7	60
Exports.....	9	9	(4)	1	1	(5)	1	60	41	38	3	4	4	2	2	50
Other and not specified by class of customer.....	65	14	51	7	2	42	25	60	(8)	(8)	3	(8)	(8)	2	-	100
By sales offices, sales branches, and administrative offices, total.....	111	110	1	100	100	100	1	90	448	448	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(8)	(8)	-	-	-
Other manufacturers.....	7	7	...	6	6	-	-	-	125	125	...	28	28	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	12	11	1	11	10	100	6	90	229	229	...	51	51	-	-	-
Wholesalers.....	4	4	...	4	4	-	-	-	57	57	...	13	13	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	(D)	(D)	...	(5)	(5)	-	-	-	2	2	...	1	1	-	-	-
Federal Government.....	85	85	...	77	78	-	-	-	12	12	...	3	3	-	-	-
Exports.....	(D)	(D)	...	(7)	(7)	-	-	-	12	12	...	3	3	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(8)	(8)	...	(8)	(8)	-	-	-
OPTICAL INSTRUMENTS AND LENSES ³									SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES ³							
By manufacturing establishments, total....	115	89	26	100	100	100	-	-	642	567	75	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	2	2	...	5	6	-	-	-	186	186	...	29	33	-	-	-
Separate merchant wholesale establishments of the same company.....	...	...	...	-	-	-	-	-	8	8	...	1	2	-	-	-
Individuals (household users) and farmers	(D)	(D)	(D)	(5)	(5)	(5)	30	100	3	2	...	(5)	(5)	1	30	80
Other manufacturing plants of the same company.....	(D)	(D)	(D)	(5)	(5)	(5)	-	100	21	21	...	3	4	-	-	-
Other manufacturers.....	35	21	14	27	19	52	14	90	14	13	(4)	2	2	1	3	80
Industrial, construction, institutional, and commercial users; and State and local Governments.....	21	17	4	18	19	14	4	60	41	30	11	6	5	15	16	50
Wholesalers.....	30	24	6	26	26	24	5	80	211	181	30	33	32	40	6	40
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(4)	(4)	...	(4)	(4)	-	-	-
All other retail stores.....	5	3	2	5	4	7	9	80	104	88	16	16	16	22	10	60
Federal Government.....	10	10	(4)	9	11	2	1	80	22	14	8	3	2	11	30	70
Exports.....	5	5	...	5	6	-	-	-	16	16	1	2	3	1	3	60
Other and not specified by class of customer.....	8	8	...	7	8	-	-	-	16	8	8	2	1	11	60	100
By sales offices, sales branches, and administrative offices, total.....	2	2	...	100	100	-	-	-	187	187	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	(10)	(10)	-	-	-	(D)	(D)	...	(15)	(15)	-	-	-
Other manufacturers.....	(D)	(D)	...	(10)	(10)	-	-	-	12	12	...	6	6	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(11)	(11)	-	-	-	43	43	...	23	23	-	-	-
Wholesalers.....	(D)	(D)	...	(12)	(12)	-	-	-	69	69	...	37	37	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(16)	(16)	-	-	-
All other retail stores.....	(D)	(D)	...	(13)	(13)	-	-	-	39	39	...	21	21	-	-	-
Federal Government.....	(D)	(D)	...	(14)	(14)	-	-	-	3	3	...	2	2	-	-	-
Exports.....	...	...	...	-	-	-	-	-	5	5	...	3	3	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	(4)	(4)	...	(4)	(4)	-	-	-

See footnotes at end of table.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 38 - Instruments and Related Products

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies ¹ (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ² — (percent)		All companies, total (million dollars)	Large companies ¹ (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ² — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PHOTOGRAPHIC EQUIPMENT ³									WATCHES AND CLOCKS ³							
By manufacturing establishments, total....	1,061	981	81	100	100	100	-	-	292	285	7	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	556	556	...	52	57	-	-	-	18	18	...	6	6	-	-	-
Separate merchant wholesale establishments of the same company.....	3	3	...	(5)	(5)	-	-	-	(D)	(D)	...	(14)	(14)	-	-	-
Individuals (household users) and farmers	2	(D)	(D)	(5)	(17)	(17)	45	-	(4)	(4)	...	(5)	(5)	-	-	-
Other manufacturing plants of the same company.....	17	17	...	2	2	-	-	-	13	13	...	4	4	-	-	-
Other manufacturers.....	50	38	12	5	4	15	8	40	34	30	4	12	10	58	5	90
Industrial, construction, institutional, and commercial users; and State and local Governments.....	50	26	24	5	3	30	14	35	6	6	...	2	2	-	-	-
Wholesalers.....	127	116	11	12	12	14	3	40	105	103	1	36	36	21	1	100
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
All other retail stores.....	86	77	9	8	8	11	4	50	100	99	1	34	35	21	1	100
Federal Government.....	87	76	10	8	8	13	5	45	5	5	...	2	2	-	-	-
Exports.....	66	66	(4)	6	7	(5)	1	50	3	3	...	1	1	-	-	-
Other and not specified by class of customer.....	17	(17)	(17)	2	(17)	(17)	60	-	4	4	...	2	2	-	-	-
By sales offices, sales branches, and administrative offices, total.....	600	600	...	100	100	-	-	-	18	18	...	100	100	-	-	-
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Other manufacturers.....	11	11	...	2	2	-	-	-	6	6	...	35	35	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	84	84	...	14	14	-	-	-	4	4	...	23	23	-	-	-
Wholesalers.....	207	207	...	34	34	-	-	-	(D)	(D)	...	(18)	(18)	-	-	-
Retail stores owned by the same company.	(D)	(D)	...	(14)	(14)	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	256	256	...	43	43	-	-	-	(D)	(D)	...	(5)	(5)	-	-	-
Federal Government.....	28	28	...	5	5	-	-	-	(D)	(D)	...	(14)	(14)	-	-	-
Exports.....	(D)	(D)	...	(14)	(14)	-	-	-	...	...	...	-	-	-	-	-
Other and not specified by class of customer.....	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-

Shipments and sales to the designated class of customer	SELECTED LARGE COMPANIES ONLY			
	Aircraft flight instruments and automatic pilots ¹		Other laboratory and scientific instruments ¹	
	(A)	(B)	A	B
By manufacturing establishments, total.....	597	126	100	100
Sales offices, sales branches, and administrative offices of the same company.....	95	12	16	9
Separate merchant wholesale establishments of the same company.....	(D)	(D)	(8)	(8)
Individuals (household users) and farmers	...	...	-	-
Other manufacturing plants of the same company.....	3	1	1	1
Other manufacturers.....	210	7	35	6
Industrial, construction, institutional, and commercial users; and State and local Governments.....	15	18	2	14
Wholesalers.....	(4)	15	(5)	12
Retail stores owned by the same company.....	...	...	-	-
All other retail stores.....	(D)	(D)	(5)	(5)
Federal Government.....	268	58	45	46
Exports.....	4	4	1	3
Other and not specified by class of customer.....	2	11	(5)	8
By sales offices, sales branches, and administrative offices, total.....	95	14	100	100
Individuals (household users) and farmers.....	...	...	-	-
Other manufacturers.....	3	4	3	26
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	(15)	(19)
Wholesalers.....	(D)	(D)	(8)	(20)
Retail stores owned by the same company.....	...	...	-	-
All other retail stores.....	(D)	...	(8)	...
Federal Government.....	85	1	89	4
Exports.....	(D)	(D)	(7)	(18)
Other and not specified by class of customer.....	...	...	-	-

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 38

Note: Detail in columns and lines may not add to totals because of independent rounding. Percentage calculations are based on original figures which were tabulated in thousands of dollars.

^D Withheld to avoid disclosure of figures for individual companies. ^T Revised.

¹ The end of this table shows a breakdown reported by selected large companies between (a) aircraft flight instruments and automatic pilots and (b) other laboratory and scientific instruments. The sum of this separate information is less than the total for all large companies. This difference is due to the fact that some large companies did not report this breakdown but only the total of the two.

² The percentage standard errors shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete canvass totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

³ Census (old SIC) 5-digit product classes included in each product group:

Product group title	Product classes included in the group
Aircraft flight instruments and automatic pilots.....	38111
Other laboratory and scientific instruments.....	38112 and 38113
Mechanical measuring instruments, including industrial process, and automatic temperature controls.....	38211-38216
Optical instruments and lenses.....	38310
Surgical, medical, and dental instruments and supplies....	38410-38430
Photographic equipment.....	38611-38618
Watches and clocks.....	38711-38715

⁴ Less than \$1 million.

⁵ Less than 1 percent.

⁶ Shipments by small companies to industrial, construction, etc., users, amounting to approximately \$38 million (with a standard error of 55 percent) are included with the category "Other and not specified by class of customer" because the estimate is considered unreliable.

⁷ Approximately 2 percent.

⁸ The combined total of these customer classes amounted to \$29 million, column A, and \$26 million in column B, of which sales to retail stores owned by the same company were approximately 1 percent.

⁹ The combined total of these classes amounted to \$11 million, of which sales to individuals and farmers were approximately 1 percent.

¹⁰ Approximately 11 percent.

¹¹ Approximately 5 percent.

¹² Approximately 60 percent.

¹³ Approximately 14 percent.

¹⁴ Approximately 1 percent.

¹⁵ Approximately 6 percent.

¹⁶ Approximately 3 percent.

¹⁷ The combined total of these customer classes amounted to \$5 million in column B and \$14 million in column C, of which sales to individuals and farmers were approximately 8 percent and 14 percent, respectively.

¹⁸ Approximately 45 percent.

¹⁹ Approximately 35 percent.

²⁰ Approximately 30 percent.

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958

Major Group 39 - Miscellaneous Manufacturing

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
JEWELRY (PRECIOUS METAL), SILVERWARE AND PLATED WARE ²																
By manufacturing establishments, total....	571	304	268	100	100	100	-	-	243	205	38	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	12	12	...	2	4	-	-	-	38	37	1	16	18	4	4	100
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(³)	(⁴)	-	-	-	...	(⁷)	(⁷)	-	-	-	-	-
Individuals (household users) and farmers	29	27	2	5	9	1	3	70	1	(⁷)	(⁷)	(⁵)	(⁵)	1	45	80
Other manufacturing plants of the same company.....	(D)	(D)	...	(⁵)	(⁶)	-	-	-	30	30	...	12	14	-	-	-
Other manufacturers.....	117	51	66	20	17	25	20	50	31	21	10	13	10	26	20	50
Industrial, construction, institutional, and commercial users; and State and local Governments.....	26	23	3	5	8	1	7	70	6	5	1	3	3	3	13	70
Wholesalers.....	121	61	60	21	20	22	17	45	34	17	17	14	8	45	45	70
Retail stores owned by the same company.	4	4	...	1	1	-	-	-	5	5	...	2	2	-	30	100
All other retail stores.....	202	84	118	35	28	44	17	35	91	87	...	37	42	9	3	70
Federal Government.....	6	5	(⁷)	1	2	(⁵)	2	90	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	80	90
Exports.....	7	7	...	1	2	-	-	-	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	30	11	19	5	4	7	30	60	95	91	95	92	(⁹)	912	90	100
By sales offices, sales branches, and administrative offices, total.....	14	14	...	100	100	-	-	-	49	46	3	100	100	100	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁸)	(⁸)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other manufacturers.....	(D)	(D)	...	(³)	(³)	-	-	-	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁶)	(⁶)	-	-	-
Wholesalers.....	5	5	...	39	39	-	-	-	14	14	...	29	30	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	6	4	3	13	8	96	50	100
All other retail stores.....	4	4	...	29	29	-	-	-	14	14	(⁷)	29	30	4	1	100
Federal Government.....	(D)	(D)	...	(⁶)	(⁶)	-	-	-	(⁷)	(⁷)	...	(⁵)	(⁵)	-	-	-
Exports.....	...	...	...	-	-	-	-	-	(⁷)	(⁷)	...	(⁵)	(⁵)	-	-	-
Other and not specified by class of customer.....	2	2	...	16	16	-	-	-	6	6	...	12	12	-	-	-
TOYS, DOLLS, AND CHILDREN'S VEHICLES ²																
By manufacturing establishments, total....	757	425	332	100	100	100	-	-	520	359	161	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	59	49	10	8	12	3	10	90	177	177	...	34	49	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-	(D)	(D)	...	(⁵)	(⁶)	-	-	-
Individuals (household users) and farmers	(⁷)	(⁷)	(⁷)	(⁵)	(⁵)	(⁵)	11	90	2	(⁷)	1	(⁵)	(⁵)	1	35	70
Other manufacturing plants of the same company.....	5	5	...	1	1	-	-	-	(D)	(D)	...	(⁶)	(⁶)	-	-	-
Other manufacturers.....	41	10	31	5	2	9	20	40	29	7	22	6	2	14	25	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	9	5	4	1	1	1	25	90	9	8	1	2	2	1	5	70
Wholesalers.....	361	202	159	48	48	48	7	20	153	73	80	29	20	49	9	30
Retail stores owned by the same company.	1	1	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
All other retail stores.....	239	117	122	32	28	37	8	25	83	32	52	16	9	32	20	50
Federal Government.....	3	2	1	(⁵)	1	(⁵)	10	70	1	1	...	(⁵)	(⁵)	-	-	-
Exports.....	2	2	(⁷)	(⁵)	(⁵)	(⁵)	2	50	2	1	1	(⁵)	(⁵)	1	16	45
Other and not specified by class of customer.....	(¹¹)	(¹¹)	5	(¹¹)	(¹¹)	2	2	13	59	54	4,484	11	15	3	45	60
By sales offices, sales branches, and administrative offices, total.....	69	56	14	100	100	100	10	70	234	234	...	100	100	-	-	-
Individuals (household users) and farmers	(⁷)	(⁷)	...	(⁵)	(⁵)	-	-	-	(⁷)	(⁷)	...	(⁵)	(⁵)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹³)	(¹³)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(¹²)	(¹²)	-	-	-	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-
Wholesalers.....	23	12	11	32	21	78	20	70	75	75	...	32	32	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
All other retail stores.....	43	40	3	62	72	21	4	90	25	25	...	10	10	-	-	-
Federal Government.....	(⁷)	(⁷)	...	1	1	-	-	-	1	1	...	(⁵)	(⁵)	-	-	-
Exports.....	(⁷)	(⁷)	(⁷)	(⁵)	(⁵)	1	30	90	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	(¹²)	(¹²)	...	(¹²)	(¹²)	-	-	-	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-
AMUSEMENT, SPORTING, AND ATHLETIC GOODS ²																
By manufacturing establishments, total....	757	425	332	100	100	100	-	-	520	359	161	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	59	49	10	8	12	3	10	90	177	177	...	34	49	-	-	-
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(¹¹)	(¹¹)	-	-	-	(D)	(D)	...	(⁵)	(⁶)	-	-	-
Individuals (household users) and farmers	(⁷)	(⁷)	(⁷)	(⁵)	(⁵)	(⁵)	11	90	2	(⁷)	1	(⁵)	(⁵)	1	35	70
Other manufacturing plants of the same company.....	5	5	...	1	1	-	-	-	(D)	(D)	...	(⁶)	(⁶)	-	-	-
Other manufacturers.....	41	10	31	5	2	9	20	40	29	7	22	6	2	14	25	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	9	5	4	1	1	1	25	90	9	8	1	2	2	1	5	70
Wholesalers.....	361	202	159	48	48	48	7	20	153	73	80	29	20	49	9	30
Retail stores owned by the same company.	1	1	...	(⁵)	(⁵)	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
All other retail stores.....	239	117	122	32	28	37	8	25	83	32	52	16	9	32	20	50
Federal Government.....	3	2	1	(⁵)	1	(⁵)	10	70	1	1	...	(⁵)	(⁵)	-	-	-
Exports.....	2	2	(⁷)	(⁵)	(⁵)	(⁵)	2	50	2	1	1	(⁵)	(⁵)	1	16	45
Other and not specified by class of customer.....	(¹¹)	(¹¹)	5	(¹¹)	(¹¹)	2	2	13	59	54	4,484	11	15	3	45	60
By sales offices, sales branches, and administrative offices, total.....	69	56	14	100	100	100	10	70	234	234	...	100	100	-	-	-
Individuals (household users) and farmers	(⁷)	(⁷)	...	(⁵)	(⁵)	-	-	-	(⁷)	(⁷)	...	(⁵)	(⁵)	-	-	-
Other manufacturers.....	...	...	...	-	-	-	-	-	(D)	(D)	...	(¹³)	(¹³)	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(D)	(D)	...	(¹²)	(¹²)	-	-	-	(D)	(D)	...	(¹⁰)	(¹⁰)	-	-	-
Wholesalers.....	23	12	11	32	21	78	20	70	75	75	...	32	32	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
All other retail stores.....	43	40	3	62	72	21	4	90	25	25	...	10	10	-	-	-
Federal Government.....	(⁷)	(⁷)	...	1	1	-	-	-	1	1	...	(⁵)	(⁵)	-	-	-
Exports.....	(⁷)	(⁷)	(⁷)	(⁵)	(⁵)	1	30	90	2	2	...	1	1	-	-	-
Other and not specified by class of customer.....	(¹²)	(¹²)	...	(¹²)	(¹²)	-	-	-	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-

See footnotes at end of table.

MANUFACTURES-SUMMARY STATISTICS

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 39 - Miscellaneous Manufacturing

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)		All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	B	C	A	C	(A)	(B)	(C)	A	B	C	A	C
PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS ²																
By manufacturing establishments, total....	380	283	96	100	100	100	-	-	236	92	144	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company..	67	66	1	18	23	1	2	90	22	22	...	9	24	-	-	-
Separate merchant wholesale establishments of the same company.....	1	1	...	(⁵)	1	-	-	-	...	...	(⁷)	(¹⁶)	(¹⁶)	(⁵)	-	-
Individuals (household users) and farmers	4	(⁷)	4	1	(⁵)	4	60	50	(D)	(D)	(⁷)	(¹⁶)	(¹⁶)	(⁵)	-	70
Other manufacturing plants of the same company.....	9	9	...	2	3	-	-	-	1	1	...	(⁵)	1	-	-	-
Other manufacturers.....	24	20	4	6	7	4	11	60	16	5	11	7	6	8	45	60
Industrial, construction, institutional, and commercial users; and State and local Governments.....	32	12	20	8	4	20	40	50	5	1	4	2	1	3	60	70
Wholesalers.....	15110	1577	1533	1529	1527	1534	19	60	101	27	73	43	30	51	17	25
Retail stores owned by the same company.	1	1	...	(⁵)	1	-	-	-	4	4	...	2	5	-	-	-
All other retail stores.....	79	50	29	21	18	30	15	40	74	25	49	31	27	34	20	30
Federal Government.....	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)	(¹⁵)	-	-	3	(⁷)	3	1	(⁵)	2	80	100
Exports.....	22	19	3	6	7	4	13	80	2	1	(⁷)	1	2	(⁵)	18	70
Other and not specified by class of customer.....	29	27	2	8	10	2	6	80	(¹⁶)	(¹⁶)	3	(¹⁶)	(¹⁶)	2	45	90
By sales offices, sales branches, and administrative offices, total.....	76	75	1	100	100	100	2	90	23	23	...	100	100	-	-	-
Individuals (household users) and farmers	1	1	...	1	1	-	-	-	(D)	(D)	...	(⁵)	(⁵)	-	-	-
Other manufacturers.....	3	3	...	4	4	-	-	-	...	...	...	-	-	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	31	31	...	40	41	-	-	-	...	...	...	(¹⁷)	(¹⁷)	-	-	-
Wholesalers.....	24	23	1	31	30	100	5	90	(D)	(D)	...	(¹⁷)	(¹⁷)	-	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	...	...	...	-	-	-	-	-
All other retail stores.....	12	12	...	15	15	-	-	-	20	20	...	90	90	-	-	-
Federal Government.....	2	2	...	3	3	-	-	-	...	...	...	-	-	-	-	-
Exports.....	(⁷)	(⁷)	...	1	1	-	-	-	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-
Other and not specified by class of customer.....	4	4	...	5	5	-	-	-	...	...	...	-	-	-	-	-
BUTTONS AND MISCELLANEOUS NOTIONS ²																
By manufacturing establishments, total....	351	193	158	100	100	100	-	-	1,869	(¹⁹)	(¹⁹)	100	xxx	xxx	-	-
Sales offices, sales branches, and administrative offices of the same company..	62	62	...	18	32	-	-	-	353	(¹⁹)	(¹⁹)	19	xxx	xxx	17	xxx
Separate merchant wholesale establishments of the same company.....	(D)	(D)	...	(¹⁴)	(³)	-	-	-	14	(¹⁹)	...	1	xxx	xxx	-	-
Individuals (household users) and farmers	(D)	(D)	...	(⁵)	(⁵)	-	-	-	10	(¹⁹)	(¹⁹)	1	xxx	xxx	45	xxx
Other manufacturing plants of the same company.....	(D)	(D)	...	(¹⁸)	(¹⁷)	-	-	-	36	(¹⁹)	(¹⁹)	2	xxx	xxx	8	xxx
Other manufacturers.....	94	43	52	27	22	33	17	30	738	(¹⁹)	(¹⁹)	40	xxx	xxx	6	xxx
Industrial, construction, institutional, and commercial users; and State and local Governments.....	4	4	...	1	2	-	-	-	164	(¹⁹)	(¹⁹)	9	xxx	xxx	14	xxx
Wholesalers.....	73	33	40	21	17	25	35	70	314	(¹⁹)	(¹⁹)	17	xxx	xxx	7	xxx
Retail stores owned by the same company.	(D)	(D)	...	(⁶)	(⁶)	-	-	-	(D)	(¹⁹)	...	(²⁰)	xxx	xxx	-	-
All other retail stores.....	87	20	66	25	11	42	50	70	118	(¹⁹)	(¹⁹)	6	xxx	xxx	9	xxx
Federal Government.....	1	(⁷)	(⁷)	(⁵)	(⁵)	(⁵)	45	90	16	(¹⁹)	(¹⁹)	1	xxx	xxx	17	xxx
Exports.....	2	2	(⁷)	1	1	(⁵)	3	90	9	(¹⁹)	(¹⁹)	1	xxx	xxx	7	xxx
Other and not specified by class of customer.....	4	4	...	1	2	-	-	-	(²⁰)	(¹⁹)	(¹⁹)	(²⁰)	xxx	xxx	18	xxx
By sales offices, sales branches, and administrative offices, total.....	64	64	...	100	100	-	-	-	365	(¹⁹)	(¹⁹)	100	xxx	xxx	17	xxx
Individuals (household users) and farmers	...	...	...	-	-	-	-	-	(D)	(¹⁹)	...	(⁵)	xxx	xxx	-	-
Other manufacturers.....	37	37	...	57	57	-	-	-	118	(¹⁹)	...	32	xxx	xxx	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments.....	(⁷)	(⁷)	...	(⁵)	(⁵)	-	-	-	164	(¹⁹)	(¹⁹)	45	xxx	xxx	35	xxx
Wholesalers.....	23	23	...	36	36	-	-	-	72	(¹⁹)	...	20	xxx	xxx	-	-
Retail stores owned by the same company.	...	...	...	-	-	-	-	-	(D)	(¹⁹)	...	(⁵)	xxx	xxx	-	-
All other retail stores.....	2	2	...	3	3	-	-	-	8	(¹⁹)	...	2	xxx	xxx	-	-
Federal Government.....	(D)	(D)	...	(⁶)	(⁶)	-	-	-	(⁷)	(¹⁹)	...	(⁵)	xxx	xxx	-	-
Exports.....	(D)	(D)	...	(⁵)	(⁵)	-	-	-	1	(¹⁹)	...	(⁵)	xxx	xxx	-	-
Other and not specified by class of customer.....	(D)	(D)	...	(¹⁴)	(¹⁴)	-	-	-	...	...	...	-	-	-	-	-

See footnotes at end of table.

DISTRIBUTION OF MANUFACTURERS' SALES

10-93

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958-Continued

Major Group 39 - Miscellaneous Manufacturing

(See text for explanation of column captions)

Shipments and sales to the designated class of customer	All companies, total (million dollars)	Large companies (million dollars)	Small companies (million dollars)	Percent of total for columns—			Standard error of estimate for columns ¹ — (percent)	
	(A)	(B)	(C)	A	E	C	A	C
MISCELLANEOUS PRODUCTS, N.E.C., INCLUDING BROOMS AND BRUSHES ²								
By manufacturing establishments, total.....	1,459	585	874	100	100	100	-	-
Sales offices, sales branches, and administrative offices of the same company.....	98	97	1	7	17	(⁵)	1	90
Separate merchant wholesale establishments of the same company.....	8	8	...	1	1	-	-	-
Individuals (household users) and farmers.....	32	5	28	2	1	3	45	70
Other manufacturing plants of the same company.....	21	21	...	1	4	-	-	-
Other manufacturers.....	192	74	118	13	13	13	12	25
Industrial, construction, institutional, and commercial users; and State and local Governments	353	80	273	24	14	31	14	25
Wholesalers.....	297	158	139	20	27	16	9	25
Retail stores owned by the same company.....	2	2	...	(⁵)	(⁵)	-	-	-
All other retail stores.....	298	88	210	20	15	24	11	20
Federal Government.....	29	10	19	2	2	2	30	60
Exports.....	16	5	10	1	1	1	40	80
Other and not specified by class of customer.....	114	37	76	8	6	9	20	40
By sales offices, sales branches, and administrative offices, total.....	133	132	(S)	100	100	100	2	-
Individuals (household users) and farmers.....	14	14	...	11	11	-	-	-
Other manufacturers.....	11	11	...	8	8	-	-	-
Industrial, construction, institutional, and commercial users; and State and local Governments	8	8	...	6	6	-	-	-
Wholesalers.....	50	50	...	37	38	-	-	-
Retail stores owned by the same company.....	2	2	...	1	1	-	-	-
All other retail stores.....	27	26	(S)	20	20	100	-	-
Federal Government.....	1	1	...	1	1	-	-	-
Exports.....	1	1	...	1	1	-	-	-
Other and not specified by class of customer.....	19	19	...	14	15	-	-	-

D Withheld to avoid disclosure of figures for individual companies.

S Withheld because the estimate did not meet publication standards on the basis of the associated standard error of estimate.

Note: Detail in columns and rows may not add to totals because of independent rounding. Percentage calculation are based on original figures which were tabulated in thousands of dollars.

¹The percentage standard errors shown in these columns indicate the range of differences that can be expected between the estimates and comparable complete canvass totals, because of sampling fluctuations. The estimates will differ from the complete totals by less than:

- (i) The percentage shown: approximately 2 times out of 3.
- (ii) Twice the percentage shown: approximately 19 times out of 20.
- (iii) Three times the percentage shown: almost always.

²Census old SIC 5-digit product classes included in each product group.

Product group title	Product classes included in the group
<u>MISCELLANEOUS MANUFACTURES</u>	
Jewelry (precious metal), silverware and plated ware.....	39111-39140
Musical instruments and parts.....	39310-39390
Toys, dolls, and children's vehicles.....	39410-39430
Amusement, sporting, and athletic goods.....	39490
Pens, pencils, and other office and artists' materials.....	39510-39550
Costume jewelry and costume novelties, except precious metal.....	39610
Buttons and miscellaneous notions.....	39620-39640
Plastic products, n.e.c. (describe).....	39711-39714
Miscellaneous products, n.e.c., including brooms and brushes, morticians' goods, signs and advertising displays, and matches.....	39811-39993

Distribution of Manufacturers' Shipments and Sales by Class of Customer: 1958—Continued

FOOTNOTES FOR MAJOR GROUP 39

³Approximately 3 percent.⁴Approximately 6 percent.⁵Less than 1 percent.⁶Approximately 1 percent.⁷Less than \$1 million.⁸Approximately 14 percent.⁹Shipments to the Federal Government, amounting to less than \$1 million, are included with the category "Other and not specified by class of customer" because the estimates are considered unreliable.¹⁰Approximately 17 percent.¹¹The combined total of these customer classes amounted to \$38 million in column A and \$33 million in column B, of which sales to separate merchant wholesale establishments of the same company were approximately 4 percent.¹²The combined total of these customer classes amounted to \$3 million, of which sales to industrial, construction, etc., users were approximately 90 percent.¹³Approximately 35 percent.¹⁴Approximately 2 percent.¹⁵Shipments to the Federal Government, amounting to \$10 million in column A, and \$5 million each in columns B and C, have been combined with the category "wholesalers" because the estimate is considered to be unreliable.¹⁶The combined total of these customer classes amounted to \$8 million in column A, and \$4 million in column B, of which the category "individuals and farmers" amounted to approximately 5 percent and 8 percent, respectively.¹⁷Approximately 8 percent.¹⁸Approximately 5 percent.¹⁹Figures are not shown separately for large and small companies because a substantial number of large companies failed to report their sales by class of customer.²⁰The combined total of these customer classes amounted to \$96 million in column A, of which shipments to retail stores owned by the same company are approximately 1 percent.

INDUSTRIAL WATER USE

11-1

Industrial Water Use

General

This report contains statistics showing the utilization of water in 1959 by establishments classified in manufacturing and mineral industries and by electric utility steam-electric generating plants. Whenever possible, comparable 1954 data are shown.

Information on industrial water use by manufacturing establishments was first collected and published by the Bureau of the Census in the 1953 Annual Survey of Manufactures. In the 1954 Census of Manufactures information on water use was collected from all manufacturing establishments employing six or more people, except for establishments in the printing and publishing and apparel industries. The latter establishments are relatively small water users and/or operate primarily in rented quarters where water is generally furnished by the landlord. The detailed information on water utilization for 1954 was collected and published for manufacturing establishments only for establishments using 20 million gallons or more per establishment. Data for mineral industries compiled for that year are based on reports for establishments reporting water intake or discharge of 1 million gallons or more. The information for utility plants was collected by the Federal Power Commission and the figures represent complete coverage for such activity.

While manufacturing industries are important users of water in the United States, the utilization by such establishments is highly concentrated. According to the 1954 survey, establishments with an annual water intake of 20 million gallons or more accounted for about 97 percent of water withdrawn for manufacturing purposes. These plants, however, represent only about 3 percent of all manufacturing establishments and employ approximately 44 percent of the total engaged in industrial activities. Over 80 percent of the 11.6 trillion gallons consumed by manufacturing establishments in 1954 was used by establishments classified in four major industry groups, namely, Primary Metal Industries (Major Group 33), Chemicals and Allied Products (Major Group 28), Paper and Allied Products (Major Group 26), and Petroleum and Coal Products (Major Group 29). Even within these major groups, specific industries accounted for the major share; blast furnaces,

steel works and rolling mills consumed about 82 percent of the 3.8 trillion gallons reported for Primary Metal Industries; and plants primarily engaged in the manufacture of industrial (basic) chemicals used about 80 percent of the 2.7 trillion gallons for the Chemicals and Allied Products Group. About 65 percent of industrial water was consumed by establishments located in five regions, namely, the Delaware and Hudson, the Ohio River, the Eastern Great Lakes, the Western Great Lakes and the Western Gulf Regions.

Industrial Water Use for 1959

The feature of water use to be largely concentrated in certain industries and types of establishments established the coverage pattern used in a supplemental survey to the 1958 Census of Manufactures, MC-D-9M, Industrial Water Use for 1959. The 11,500 establishments mailed Census Form MC-D-9M included all those reporting substantial water use in 1954 as well as all companies having an establishment with 250 employees or more. For certain selected industry groups whose industrial processes require substantial water utilization, Form MC-D-9M was mailed to establishments with 100 or more employees. While the 7,720 of these 11,500 establishments reporting water consumption of 20 million gallons or more per establishment in 1959 employ 41 percent of the total engaged in operating manufacturing establishments and about 51 percent of the value added by manufacture, they account for more than 90 percent of the total water used by manufacturing plants. All data for water users exclude government-owned establishments operated by private contractors for the account of the Atomic Energy Commission. The 1959 figures, however, include data for establishments located in Hawaii and Alaska.

While the panel of the 1959 Industrial Water Use Survey includes substantially all of the significant industrial water users in 1959, the selection, as indicated above, did not insure that every establishment using 20 million gallons or more were canvassed among the panel of 11,500 mentioned previously. The omission of some relatively small establishments consuming 20 million gallons is believed not to have a significant effect on the totals shown except those for establishment counts.

While the quantity of water intake by manufacturing establishments is relatively large, the quantities actually consumed in process, by evaporation, etc., is only about six percent of the withdrawals. Data on net use as defined above may be calculated in the tables shown in this report by subtracting water discharged from water intake. Gross water use, as shown in the tables below, reflect recirculation or reuse of the water in the same establishments and partially reflect water management. While no measures of the deterioration of the water resulting from use are available, data are shown for the quantities of intake water treated as well as for treatment of water for discharge.

While the tables appearing in this report (tables 2-16) provide statistics for establishments using 20 million gallons or more annually, those which recirculate and those which generate (steam) electricity, and those which treat discharge water, the arrangement of the data are by industry, industrial water use region, and State. The boundaries for States are political, while those for industrial water use regions were developed in consultation with other Federal agencies having responsibilities for water development or use and with representatives of industry and approximate the major drainage systems in the United States. The areas included are identical with those for 1954 and are shown in a map appearing in this report. The industry classifications used are based on the 1957 edition of the Standard Industrial Classification Manual. (See Introduction.)

Totals for water use have been provided for the SIC industry classifications at the 4, 3 and 2-digit levels. Differences in manufacturing processes are not as great at the SIC 4-digit level as at the higher order 2 and 3 digit levels. Accordingly, the water use statistics are most meaningful when examined on a 4-digit SIC basis and related to the processes, products, employment data, etc., at that level. The aggregations at the 3, but particularly at the 2-digit levels, represent totals for industries which differ widely in processes used, materials fabricated, or products produced. (See Introduction—Definition of Manufacturing Establishments.) Thus, for example, the water consumption use for Major Group 26, Paper and Allied Products, will differ in the Pacific Northwest Water Use Region from that in California Water Use Region because of industrial composition as well as because of geography or other factors.

Water, Employment, and Value Added

While industrial processes and geography determine very largely the consumption pattern of water intake, differing manufacturing practices and institutional variations also affect the use and reuse of water. Measures regarding the relationship of water intake and water management to industrial activity are frequently needed to gauge present and future industrial water requirements.

To facilitate such studies at either local or regional levels, the tables shown in this report contain data showing for selected industrial groups the employment and value added by manufacture for significant water users which, as indicated above, account for practically all industrial water consumption. The most valid use of these data is to provide measures of industrial activity for significant water-using establishments as compared with those which circulate water, treat water discharge or for other variations in water utilization as shown in the tables appearing in this report.

These measures cannot be used to derive estimates of total water use. As indicated in the table on the next page, establishments which use 20 million gallons or more per year, while accounting for more than 90 percent of the industrial water use, employ only 41 percent of the total engaged in manufacturing and constitute about 51 percent of the "value added by manufacture." The proportions vary by major group; for Major Group 23, Apparel and Related Products, the percent of the totals are 1.5 percent and for Major Group 29, Petroleum and Coal Products, the percent is more than 80. Comparable figures, by States, appear in table 7, Quantity of Water Used and Discharged by Manufacturing Establishments for States by Industry Group.

Historical Comparisons

The 1954 data shown in this report are based on retabulations of previously published data to reflect both revised establishment information and the revisions in industry classifications stemming from the 1957 edition of the Standard Industrial Classification Manual. While the totals for the industry groupings thus reflect descriptive changes in the Standard Industrial Classification Manual, no individual reports were recoded for 1954. The comparability of the 1954 classification with that used for 1959 is shown in "bridge tabulations" included in the final volumes of the 1958 Census of Manufactures and in Appendix A. The revised 1954 data for water use include data for "Fats and Oils" in Major Group 20, Foods and Allied Products, to provide comparability with the 1959 statistics. The 1954 data, as originally tabulated, appear in 1954 Census of Manufactures Bulletin MC-209 Supplement, Industrial Water Use, and in Chapter IX, Volume I, Summary Statistics of the 1954 Census of Manufactures. (See Introductory Text—The New Standard Industrial Classification for comments on comparability.)

Definition of Terms

The terms "establishments," "manufacturing industries," "industry classifications," "Standard Industrial Classification," "employment," "value added," as used in the tables below are defined in the Introductory Text.

INDUSTRIAL WATER USE

NUMBER EMPLOYED AND VALUE ADDED BY MANUFACTURE BY QUANTITY OF WATER USED BY MAJOR GROUPS: 1959

Code	Title	All employees				Value added by manufacture			
		Total	Reporting water consumption of—			Total	Reporting water consumption of—		
			Less than 20 million gallons	20 million gallons or more			Less than 20 million gallons	20 million gallons or more	
				Number	Per- cent of total			Million dollars	Per- cent of total
		(1,000)	(1,000)	(1,000)		(million dollars)	(million dollars)		
	United States, total ¹	16,059	9,498	6,560	40.9	160,992	78,759	82,233	51.1
20	Food and kindred products....	1,716	1,098	618	36.0	18,737	10,628	8,109	43.3
21	Tobacco products.....	84	41	43	51.3	1,480	322	1,158	78.2
22	Textile mill products.....	929	550	378	40.7	5,614	3,099	2,515	44.8
23	Apparel and related products.	1,239	1,221	18	1.4	6,661	6,564	97	1.5
24	Lumber and wood products.....	619	544	75	12.1	3,769	3,206	563	14.9
25	Furniture and fixtures.....	368	337	31	8.3	2,611	2,340	271	10.4
26	Paper and allied products....	574	292	282	49.2	6,448	2,608	3,840	59.6
27	Printing and publishing.....	886	752	134	15.2	8,707	7,305	1,402	16.1
28	Chemicals and allied products	719	285	434	60.4	14,227	4,480	9,747	68.5
29	Petroleum and coal products..	171	29	142	82.9	2,894	394	2,500	86.4
30	Rubber and plastics products, nec.....	379	167	212	55.9	3,793	1,375	2,418	63.7
31	Leather and leather products.	363	338	26	7.1	2,121	1,915	206	9.7
32	Stone, clay and glass products	597	366	231	38.7	6,480	3,399	3,081	47.5
33	Primary metal industries.....	1,148	296	852	74.2	13,635	2,937	10,698	78.5
34	Fabricated metal products....	1,089	773	316	29.0	10,445	7,176	3,269	31.3
35	Machinery, except electrical.	1,411	897	514	36.4	14,545	8,956	5,589	38.4
36	Electrical machinery.....	1,250	682	567	45.4	12,534	6,311	6,223	49.6
37	Transportation equipment.....	1,609	324	1,285	79.9	17,682	3,142	14,540	82.2
38	Instruments and related products.....	320	167	153	47.9	3,531	1,714	1,817	51.5
39	Miscellaneous manufacturing including ordnance.....	587	339	248	42.8	5,079	890	4,189	82.5

NOTE: Detailed figures may not add because of independent rounding.

¹Excludes central administrative offices or auxiliary units.Water Intake

Public Water System.—Fresh water supplied by a water system (whether publicly or privately owned) whose primary purpose is the supply of water to the general public. The data also include fresh water supplied by systems whose principal function is the supply of water to industrial users.

Company Water System.—Fresh water supplied from a company's water supply system or obtained from another company where the supplying company is not primarily a water supplier to the general public and/or industrial users. The data also include only that portion of fresh water obtained from a joint water supply system operated by the reporting company.

Brackish water is defined as all water with more than 1,000 parts per million of dissolved solids.

Gross Water Used.—The total quantity of water which would have been needed if no water was recirculated or reused. For example, if 100 million gallons of intake water were used twice for cooling purposes, and then the same water was again reused for washing products or materials, the total water required would be 300 million gallons (less consumption and evaporation loss).

Water Discharged

Total.—Quantity of water brought to ultimate discharge point. The data exclude quantities of

water held in ponds, lagoons, or basins, for re-use or treatment, or water discharged by evaporation processes.

Ground.—Includes quantities which seep into ground from collection basins, such as ponds, lagoons, etc.

Transferred to Other Users.—Includes quantities transferred after use, to another establishment of either your company or another company.

Water Treated

The total quantity of water treated for control of biological growth, removal of suspended or dissolved solids, for corrosion control, or for any other purpose by simple or complex methods.

Water Intake Treated.—Excludes quantities of intake water treated only by chlorination.

Water Discharge Treated.—Includes quantities treated for discharge by all methods, including chlorination.

Water Use in the Mineral Industries

The 1959 statistics showing water use in the Mineral Industries are estimates prepared by the Bureau of Mines, U.S. Department of Interior. These estimates were derived as follows:

For petroleum and natural gas and natural gas liquids, and bituminous coal and anthracite (Major Groups 11, 12, and 13) the latest benchmark data available were the 1954 Census data. Accordingly, the totals by water use regions as tabulated by the Bureau of the Census at the request of the Bureau of Mines for a report made to the Kerr Committee (Select Committee on National Water Resources, U.S. Senate, pursuant to Senate Resolution No. 48, 86th Congress) were utilized as the basis of the estimates for 1959. (The 1954 Census data are included in Committee Print No. 8, 86th Congress, Second Session, April 1960.)

For metals (Major Group 10) and nonmetallic minerals, except fuels (Major Group 14) the Bureau of Mines had available the results of its 1958 survey of water intake and discharge, as tabulated by water use regions. The 1959 estimates for water intake and discharge by water use regions were calculated from these 1958 data. Gross water use, including the quantity

recirculated or reused, was calculated by deriving the ratios of gross water use to water intake for the 1954 Census by water use regions and supplying these ratios to the 1959 water intake totals by water use regions.

The summaries of water intake, discharge and gross water use by water use regions are the summary totals of the estimates prepared for each 2-digit mining industry by water use regions. The estimates for each 2-digit mining industry by water use regions are also summarized to U.S. totals on a 2-digit mining industry basis. No estimates for "mine water" are available.

The 1958 data on water intake from the Bureau of Mines survey resulted in water totals averaging three times the 1954 Census results. Some of this increase, other than for an increased level of production, came from the fact that for integrated large operations the Bureau of Mines did not attempt or ask the respondents to make a separation of total water intake into various phases, departments or plants of the integrated operations. Also, the Bureau of Mines requested data from all establishments in contrast to the 1954 procedure of requesting data only from mines using 1 million gallons or more.

Water Use of Electric Utility Generating Plants

The data for these plants was secured from a survey conducted by the Federal Power Commission. All electric utility plants generating 25,000 kilowatts or more located in the United States, except in Alaska and Hawaii, were canvassed. The generation of the 578 plants canvassed was 557.9 billion kilowatt hours, but because of reporting problems only 542 plants with generation of 554.7 billion kilowatt hours are accounted for in this report. Thus, coverage for the 1959 figures is 97.7 percent.

Although no attempt was made to expand the reported data to represent 100 percent, an approximation may be made since the tabulation shows percentage coverage by regions as well as for the United States. However, plants not included in the tabulation are smaller plants, and their water requirements per kilowatt-hour generated are probably greater than for the larger plants.

State data and other information appear in the Federal Power Commission publication, "Water Requirements of Electric Utility Steam-Generating Plants in 1959."

INDUSTRIAL WATER USE REGIONS

BUREAU OF THE CENSUS

SCALE 1" = 100 MILES

ALBERTA EQUAL AREA PROJECTION

County boundaries as of April 1, 1960

29. IS ADDITIVE CLAIMED TO AROMATIZATION FOR AS YET FOR
STAYS OF THIS

SCALE 1" = 1'-0"

List of Tables

<u>Table</u>	<u>Page</u>
1. — Water Used by Manufacturing and Mineral Industries and Utility Electric (Steam) Generating Establishments for Water Use Regions: 1959 and 1954.....	11-8
2. — Water Used and Discharged by Manufacturing Establishments, by Purpose of Industrial Use, for Industry Group and Selected Industries: 1959 and 1954	11-10
3. — Water Used and Discharged by Manufacturing Establishments, by Source of Intake and Point of Discharge for Industry Group and Selected Industries: 1959.....	11-22
4. — Water Used and Discharged by Manufacturing Establishments, by Purpose of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954...	11-32
5. — Water Used and Discharged by Manufacturing Establishments, by Source of Intake and Point of Discharge for Water Use Regions and Selected Industries: 1959	11-44
6. — Water Used by Manufacturing Establishments by Purpose of Industrial Use for States, by Industry Group: 1959 and 1954.....	11-54
7. — Water Used and Discharged by Manufacturing Establishments, by Source of Intake and Point of Discharge, for States, by Industry Groups: 1959.....	11-66
8. — Water Used and Discharged by Manufacturing Establishments Recirculating Water, by Purpose, Kind, and Source of Water for Industry Groups: 1959 and 1954.....	11-78
9. — Water Used and Discharged by Manufacturing Establishments Recirculating Water, Number of Establishments by Purpose of Recirculation and Quantity Discharged by Point of Discharge, for Industry Groups: 1959	11-82
10. — Water Used and Discharged by Manufacturing Establishments Recirculating Water; by Purpose, Kind, and Source of Water for Water Use Regions, by Industry Group: 1959.....	11-86
11. — Water Used and Discharged by Manufacturing Establishments Recirculating Water; Number of Establishments by Purpose of Recirculation and Quantity Discharged by Point of Discharge, for Water Use Regions, by Industry Groups: 1959.....	11-92
12. — Water Used and Discharged by Manufacturing Establishments Generating (Steam) Electricity, by Purpose, Kind, and Source of Intake, for Industry Groups: 1959 and 1954	11-98
13. — Water Used and Discharged by Manufacturing Establishments Generating Electricity, by Purpose, Kind, and Source of Intake and Point of Discharge for Water Use Regions, by Industry Groups: 1959	11-100
14. — Water Used and Discharged by Manufacturing Establishments Generating (Steam) Electricity and Recirculating Water, by Purpose, Kind, and Source of Intake, for Industry Groups: 1959 and 1954.....	11-104
15. — Water Used and Discharged by Manufacturing Establishments Generating Electricity and Recirculating Water, by Purpose, Kind, and Source of Intake and Point of Discharge for Water Use Regions, by Industry Groups: 1959.....	11-106
16. — Water Used and Discharged by Manufacturing Establishments Treating Discharge Water, by Source of Intake and Point of Discharge, by Industry Groups: 1959 ...	11-110
17. — Water Used by Utility Steam Electric Generating Establishments, by Purpose and Source of Water Intake: 1959 and 1954.....	11-112
18. — Water Used and Discharged for Mineral Industries, by Water Use Regions and by Major Industry Groups: 1959 and 1954	11-114
Appendix A. — New Standard Industrial Classification Revisions in Definitions and Code Numbers of Selected Industries and Industry Groups	A-1

MANUFACTURES—SUMMARY STATISTICS

Table 1.—Quantity of Water Used by Manufacturing and Mineral Industries and Public Utility Steam Operating Establishments for Water Use Regions: 1959 and 1954

(Billion gallons)

Water use region and industry	1959			1954		
	Water intake (all purposes)	Water discharged	Water required if no water were recirculated or reused	Water intake (all purposes)	Water discharged	Water required if no water were recirculated
United States, total.....	42,554	41,380	65,028	36,113	35,232	50,488
Manufacturing ¹	12,175	11,449	26,621	11,570	10,789	21,042
Mining ²	1,451	1,092	24,176	593	571	2,226
Public utility plants ³	28,928	28,839	34,231	23,950	23,872	27,220
New England region.....	1,949	1,885	2,290	1,832	1,771	2,137
Manufacturing.....	556	494	843	583	523	867
Mining.....	8	5	13	6	6	10
Public electric utility plants.....	1 385	1,386	1,434	1,243	1,242	1,260
Delaware and Hudson region.....	5,577	5,502	6,906	4,374	4,309	5,279
Manufacturing.....	1,276	1,215	2,450	1,143	1,085	2,018
Mining.....	38	34	82	25	23	55
Public electric utility plants.....	4,263	4,253	4,374	3,206	3,201	3,206
Chesapeake Bay region.....	2,412	2,373	3,406	2,062	2,027	2,464
Manufacturing.....	599	564	1,469	546	514	865
Mining.....	26	23	104	24	21	106
Public electric utility plants.....	1,787	1,786	1,833	1,492	1,492	1,493
Eastern Great Lakes-St. Lawrence region.....	3,575	3,489	4,482	3,633	3,581	4,444
Manufacturing.....	1,384	1,303	2,212	1,530	1,480	2,302
Mining.....	42	40	82	15	14	31
Public electric utility plants.....	2,149	2,146	2,188	2,088	2,087	2,111
Ohio region.....	7,979	7,838	9,835	6,480	6,358	7,883
Manufacturing.....	2,147	2,064	3,258	2,168	2,073	3,014
Mining.....	191	137	639	67	50	251
Public electric utility plants.....	5,641	5,637	5,938	4,245	4,235	4,618
Tennessee region.....	1,679	1,661	2,188	1,169	1,150	1,295
Manufacturing.....	282	273	639	230	214	351
Mining.....	13	6	17	17	14	22
Public electric utility plants.....	1,384	1,382	1,532	922	922	922
Cumberland region.....	233	233	270	30	29	67
Manufacturing.....	16	16	35	16	16	38
Mining.....	1	1	(NA)	1	1	1
Public electric utility plants.....	216	216	235	13	12	28
Southeast region.....	4,369	4,212	6,340	3,161	3,073	4,192
Manufacturing.....	853	785	2,240	649	565	1,402
Mining.....	168	83	549	62	61	205
Public electric utility plants.....	3,348	3,344	3,551	2,450	2,448	2,585
Western Great Lakes region.....	4,676	4,620	5,845	4,387	4,349	4,937
Manufacturing.....	1,419	1,378	2,457	1,485	1,451	2,015
Mining.....	180	166	263	37	34	57
Public electric utility plants.....	3,077	3,076	3,125	2,865	2,864	2,865
Upper Mississippi region.....	2,453	2,363	3,296	2,475	2,404	3,049
Manufacturing.....	441	402	966	476	411	962
Mining.....	101	55	274	27	22	79
Public electric utility plants.....	1,911	1,906	2,056	1,972	1,971	2,008
Lower Mississippi region.....	841	823	1,571	733	713	1,305
Manufacturing.....	438	424	999	357	341	720
Mining.....	41	43	70	43	62	94
Public electric utility plants.....	362	356	502	335	318	493
Missouri region.....	751	726	1,569	698	680	1,157
Manufacturing.....	150	139	476	126	113	276
Mining.....	64	56	182	27	25	78
Public electric utility plants.....	537	531	911	543	539	801
Arkansas, White and Red region.....	581	524	3,101	626	555	2,524
Manufacturing.....	197	162	1,399	173	114	1,075
Mining.....	84	76	355	43	40	254
Public electric utility plants.....	300	286	1,347	410	401	1,195

See footnotes at end of table.

Table 1.—Quantity of Water Used by Manufacturing and Mineral Industries and Public Utility Steam Operating Establishments for Water Use Regions: 1959 and 1954—Continued

(Billion gallons)

Water use region and industry	1959			1954		
	Water intake (all purposes)	Water discharged	Water required if no water were recirculated or reused	Water intake (all purposes)	Water discharged	Water required if no water were recirculated or reused
Western Gulf region.....	2,496	2,350	7,772	2,034	1,935	5,442
Manufacturing.....	1,489	1,398	4,490	1,264	1,184	3,080
Mining.....	116	81	776	82	80	667
Public electric utility plants.....	891	871	2,506	688	671	1,695
Colorado region.....	138	103	598	62	49	238
Manufacturing.....	19	7	127	16	10	54
Mining.....	92	73	150	21	16	35
Public electric utility plants.....	27	23	321	25	23	149
Great Basin region.....	187	161	424	87	83	270
Manufacturing.....	31	23	128	34	31	151
Mining.....	138	120	175	26	26	37
Public electric utility plants.....	18	18	121	27	26	82
California region.....	2,042	1,991	3,689	1,778	1,716	2,656
Manufacturing.....	326	284	1,191	329	264	821
Mining.....	85	82	240	32	41	161
Public electric utility plants.....	1,631	1,625	2,258	1,417	1,411	1,690
Pacific Northwest region.....	497	456	1,129	464	427	1,082
Manufacturing.....	468	446	1,107	437	402	1,039
Mining.....	29	10	22	18	17	24
Public electric utility plants.....	...	...	...	9	9	19
Hawaii and Alaska.....	118	74	223	22	22	56
Manufacturing.....	84	74	136	(NA)	(NA)	(NA)
Mining.....	34	(NA)	87	22	22	56
Public electric utility plants.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Note: Detailed figures may not add to totals because of independent rounding.

NA Not available.

¹The 1954 figures exclude information for Hawaii and Alaska.²The 1959 figures are estimates prepared by the U. S. Bureau of Mines. See text for explanation and also table 18 (footnote 3) for net adjustments showing the differences between the sum of the water use region data and the United States totals. The 1954 totals include information for Alaska. Estimates of mine water used and discharged are unavailable for 1959 and the 1954 figures are excluded from this table.³Based on data reported to the Federal Power Commission and excludes figures for Hawaii and Alaska. The term public electric utility plants is defined as electric utility steam electric generating plants. The 1959 data exclude information for smaller plants, whereas the 1954 figures include estimates for such plants. See table 17 for detailed explanation.

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Represents data for establishments with a

Code	Industry group and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				Total (billion gallons)	Treated prior to use (billion gallons)				
	United States, total ⁴	xxx	xxx	12,175	1,921	3,137	2,499	5,618	922
20	Food and kindred products.....	xxx	xxx	624	69	167	58	315	82
2011	Meat packing plants.....	130,636	1,230	76	12	34	1	27	14
2013	Prepared meats.....	6,976	91	2	(5)	1	...	(5)	(5)
2015	Poultry dressing plants.....	11,857	60	5	1	3	...	1	(5)
202	Dairy products.....	69,644	846	38	2	6	(5)	21	11
2021	Creamery butter.....	1,740	15	3	(5)	(5)	(5)	2	1
2023	Condensed and evaporated milk.....	5,618	80	11	1	1	(5)	8	2
2024	Ice cream and frozen desserts.....	5,952	129	3	(5)	(5)	...	1	1
2026	Fluid milk.....	53,396	599	19	1	4	(5)	9	7
2031	Canned and cured seafoods.....	(D)	(D)	4	...	3	...	(5)	(5)
2032	Canned specialties.....	20,586	318	15	8	9	...	4	2
2033	Canned fruits and vegetables.....	57,980	555	32	2	18	...	9	4
2034	Dehydrated fruits and vegetables.....	3,950	41	3	(5)	3	...	(5)	(5)
2035	Pickles and sauces.....	6,905	78	4	(5)	1	...	3	1
2036	Fresh or frozen packaged fish.....	3,483	20	1	...	1	...	1	(5)
2037	Frozen fruits and vegetables.....	22,890	2,212	36	1	11	...	22	2
2041	Flour and meal.....	6,622	84	2	(5)	1	...	(5)	1
2042	Prepared animal feeds.....	3,422	82	2	(5)	1	...	1	(5)
2043	Cereal preparations.....	9,841	228	4	(5)	2	(5)	1	1
2046	Wet corn milling.....	12,448	249	43	7	4	5	30	4
2051	Bread and related products.....	28,471	277	3	(5)	1	...	1	1
2052	Biscuit and crackers.....	17,870	307	2	(5)	(5)	(5)	1	1
2061	Raw cane sugar ⁵	6,302	67	70	1	14	21	32	2
2062	Cane sugar refining ⁵	14,925	180	63	4	4	2	55	3
2063	Beet sugar.....	10,178	131	48	5	25	3	18	2
207	Candy and related products.....	30,018	345	20	1	1	5	12	2
2082	Malt liquors.....	61,450	1,071	48	7	11	6	14	17
2083	Malt.....	1,490	30	5	(5)	3	1	2	(5)
2084	Wines and brandy.....	1,081	29	1	(5)	(5)	...	1	(5)
2085	Distilled liquor, except brandy.....	18,164	439	32	6	2	(5)	27	3
2086	Bottled and canned soft drinks.....	18,166	202	4	1	2	...	(5)	2
2087	Flavorings.....	2,850	74	4	(5)	2	7	8	1
2091	Cottonseed oil mills.....	(D)	(D)	1	(5)	(5)	...	1	(5)
2092	Soybean oil mills.....	4,125	81	9	3	1	(5)	7	1
2093	Vegetable oil mills, nec.....	1,315	25	3	2	(5)	(5)	3	(5)
2094	Grease and tallow.....	2,240	26	4	1	(5)	...	3	1
2096	Shortening and cooking oils.....	(D)	(D)	19	2	1	...	15	2
2097	Manufactured ice.....	619	6	5	(5)	(5)	...	5	(5)
2099	Food preparations, nec.....	15,722	432	17	1	3	(5)	11	2
21	Tobacco products.....	xxx	xxx	3	1	1	(5)	1	2
2111	Cigarettes.....	35,870	1,085	2	1	1	(5)	1	1
22	Textile mill products.....	xxx	xxx	135	68	89	13	14	20
2211	Weaving mills, cotton.....	147,824	951	27	14	14	3	3	7
2221	Weaving mills, synthetics.....	35,144	227	7	3	5	...	1	1
2231	Weaving, finishing mills, wool.....	26,788	196	15	8	12	1	(5)	1
2241	Narrow fabric mills.....	2,853	16	1	(5)	(5)	...	(5)	(5)
2251	Full-fashioned hosiery mills.....	9,039	35	1	(5)	(5)	...	(5)	(5)
2252	Seamless hosiery mills.....	18,278	95	2	1	1	...	(5)	(5)
2253	Knit outerwear mills.....	8,570	44	1	(5)	(5)	...	(5)	(5)
2254	Knit underwear mills.....	9,155	48	1	(5)	1	...	(5)	(5)
2256	Knit fabric mills.....	4,902	48	2	1	2	...	(5)	(5)
2261	Finishing plants, cotton.....	38,429	242	51	32	39	7	1	4
2262	Finishing plants, synthetics.....	5,044	40	5	3	4	...	(5)	1
2269	Finishing plants, nec.....	1,453	15	1	1	1	...	...	(5)
227	Floor covering mills.....	18,943	214	5	2	2	1	(5)	1
2271	Woven carpets and rugs.....	13,996	160	4	1	1	1	(5)	1

See footnotes at end of table.

INDUSTRIAL WATER USE

11-11

Purpose of Industrial Use, for Industry Group and Selected Industries: 1959 and 1954

water intake of 20 million gallons or more)

1959--Continued				1954 ¹					Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)	
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)			
7,720	5,519	26,621	11,449	11,570	21,042	10,789	xxx	xxx	
1,720	1,230	1,298	571	616	1,318	550	671,574	6,490	20
162	129	149	70	92	157	77	162,342	952	2011
20	10	3	1	9	14	6	14,847	94	2013
44	23	7	4	(NA)	(NA)	(NA)	(NA)	(NA)	2015
365	253	56	34	77	126	71	82,667	806	202
17	15	4	3	9	14	9	6,973	(NA)	2021
78	54	13	10	(NA)	(NA)	(NA)	(NA)	(NA)	2023
31	23	6	3	6	10	5	8,611	87	2024
216	144	30	17	40	71	35	60,170	(NA)	2026
11	2	4	4	1	2	1	2,988	(NA)	2031
33	25	16	13	(NA)	(NA)	(NA)	(NA)	(NA)	2032
207	151	44	28	(NA)	(NA)	(NA)	(NA)	(NA)	2033
15	9	5	3	1	...	1	1,872	14	2034
27	17	5	4	(NA)	(NA)	(NA)	(NA)	(NA)	2035
10	3	1	1	1	2	1	1,882	9	2036
82	72	56	35	(NA)	(NA)	(NA)	(NA)	(NA)	2037
19	6	2	1	11	14	9	6,657	94	2041
11	6	2	2	3	5	3	3,457	51	2042
11	8	5	4	4	4	3	7,513	122	2043
12	12	59	39	34	46	31	12,983	161	2046
54	27	4	2	6	8	5	31,269	210	2051
21	14	4	2	(NA)	(NA)	(NA)	(NA)	(NA)	2052
38	25	122	61	19	21	7	2,775	13	2061
21	18	71	60	50	56	49	15,149	132	2062
59	57	80	45	38	50	38	10,255	91	2063
41	35	34	19	21	39	19	31,127	288	207
113	90	83	43	49	370	42	68,769	972	2082
17	13	9	5	13	13	12	2,134	43	2083
5	5	1	1	2	2	1	981	24	2084
46	43	45	29	17	25	15	17,145	310	2085
85	43	5	3	6	9	5	14,548	(NA)	2086
13	8	15	4	4	6	3	3,436	58	2087
4	4	3	1	3	5	3	1,522	18	2091
34	29	22	8	9	27	8	4,878	72	2092
8	7	6	3	8	14	8	2,182	26	2093
16	8	6	4	11	16	10	4,106	33	2094
34	26	47	18	18	38	16	9,341	185	2096
21	10	13	5	15	18	13	4,344	29	2097
53	37	27	15	(NA)	(NA)	(NA)	(NA)	(NA)	2099
23	20	44	2	3	11	2	34,176	688	21
13	13	40	2	(NA)	(NA)	(NA)	(NA)	(NA)	2111
511	296	182	120	184	211	147	453,593	2,143	22
132	88	41	23	45	49	37	183,679	723	2211
47	33	8	6	7	11	5	40,812	195	2221
56	26	21	13	30	34	21	36,541	193	2231
6	...	1	1	2	2	2	1,142	5	2241
12	4	1	1	1	4	1	11,223	56	2251
24	10	8	1	1	1	1	9,734	38	2252
14	3	1	1	(5)	(5)	(5)	2,590	9	2253
9	3	1	1	3	4	2	12,427	46	2254
16	8	2	2	3	4	3	7,115	46	2256
54	33	61	45	64	67	54	61,031	355	2261
14	5	5	4						2262
6	3	1	1						2269
20	15	6	4	(NA)	(NA)	(NA)	(NA)	(NA)	227
11	9	5	3	(NA)	(NA)	(NA)	(NA)	(NA)	2271

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Purpose of

(Represents data for establishments with a

Code	Industry group and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				Total (billion gallons)	Treated prior to use (billion gallons)				
22	Textile mill products--Continued								
2281	Yarn mills, except wool.....	16,060	83	3	1	2	(5)	(5)	1
2283	Wool yarn mills.....	2,999	18	1	1	1	(5)	(5)	(5)
2284	Thread mills.....	6,219	43	3	1	2	1	(5)	(5)
229	Miscellaneous textile goods.....	26,266	196	12	2	3	(5)	6	2
2291	Felt goods, nec.....	2,175	22	1	(5)	(5)	(5)	(5)	(5)
2295	Coated fabric, not rubberized.....	5,963	65	4	(5)	1	...	2	(5)
2296	Tire cord and fabric.....	9,189	50	4	1	(5)	...	4	(5)
2297	Scouring and combing plants.....	2,608	14	2	(5)	1	(5)	(5)	(5)
2298	Cordage and twine.....	2,060	13	1	(5)	(5)	(5)	(5)	(5)
2299	Textile goods, nec.....	2,047	17	1	(5)	(5)	...	(5)	(5)
23	Apparel and related products.....	xxx	xxx	10	2	8	(5)	(5)	1
2392	Housefurnishings, nec.....	2,884	23	7	2	7	...	(5)	(5)
24	Lumber and wood products.....	xxx	xxx	140	7	27	80	11	22
242	Sawmills and planing mills.....	43,974	331	122	...	25	73	7	17
2421	Sawmills and planing mills.....	42,089	321	120	5	24	72	8	17
2431	Millwork plants.....	4,970	38	1	(5)	(5)	1	(5)	1
2432	Veneer and plywood plants.....	17,886	138	13	1	1	6	3	3
244	Wooden containers.....	4,034	23	1	1	(5)	...	(5)	1
2491	Wood preserving.....	889	5	1	(5)	(5)	...	(5)	1
2499	Wood products, nec.....	3,043	25	1	(5)	(5)	(5)	(5)	(5)
25	Furniture and fixtures.....	xxx	xxx	3	(5)	(5)	(5)	(5)	1
2511	Wood furniture not upholstered.....	12,941	84	1	(5)	(5)	(5)	(5)	(5)
26	Paper and allied products.....	xxx	xxx	1,937	835	1,216	433	169	119
2611	Pulp mills.....	14,167	207	267	172	212	27	14	14
2621	Paper mills, except building.....	128,732	1,756	1,089	478	695	286	66	63
2631	Paperboard mills.....	54,076	849	478	152	257	109	82	32
2641	Paper coating and glazing.....	14,029	208	15	9	7	3	3	2
2643	Bags, except textile bags.....	7,341	63	2	(5)	(5)	(5)	2	(5)
2645	Die cut paper and board.....	2,099	20	2	1	1	(5)	(5)	(5)
2646	Pressed and molded pulp goods.....	2,943	35	4	(5)	3	...	(5)	1
2649	Paper and board products, nec.....	8,919	135	12	8	10	(5)	1	(5)
2651	Folding paperboard boxes.....	7,053	72	6	1	4	1	(5)	1
2653	Corrugated shipping containers.....	6,758	64	5	2	4	(5)	(5)	1
2654	Sanitary food containers.....	15,355	166	2	(5)	(5)	...	1	1
2661	Building paper and board mills.....	17,718	210	55	13	41	7	3	4
27	Printing and publishing.....	xxx	xxx	13	2	4	...	6	3
2711	Newspapers.....	73,597	766	5	1	(5)	...	3	1
2751	Printing: Letterpress.....	31,975	288	7	(5)	3	...	2	1
2752	Printing: Lithographic.....	3,118	26	1	(5)	(5)	...	(5)	(5)
28	Chemicals and allied products.....	xxx	xxx	3,240	317	430	499	2,146	166
2812	Alkalies and chlorine.....	20,018	346	516	20	17	138	345	16
2813	Industrial gases.....	3,214	76	88	9	1	6	80	1
2814	Cyclic (coal tar) crudes.....	1,468	25	3	(5)	(5)	...	2	(5)
2815	Intermediate coal tar products.....	23,823	436	134	15	9	(5)	116	9
2816	Inorganic pigments.....	9,979	247	72	23	12	9	45	7
2818	Organic chemicals, nec.....	70,380	1,805	1,423	81	242	222	920	38
2819	Inorganic chemicals, nec.....	41,455	812	362	43	53	56	218	36
2821	Plastics materials.....	43,793	940	123	32	15	6	91	10
2822	Synthetic rubber.....	8,443	243	38	10	6	...	28	3
2823	Cellulosic man-made fibers.....	41,312	443	178	47	30	22	111	14
2824	Organic fibers, noncellulosic.....	21,947	554	66	10	3	24	32	8
283	Drugs.....	63,824	1,665	65	7	4	6	49	5
2834	Pharmaceutical preparations.....	54,606	1,492	23	5	2	(5)	18	3
2841	Soap and other detergents.....	18,324	739	24	2	1	1	20	3
2842	Polishes and sanitation goods.....	1,941	79	3	(5)	1	...	1	1
2843	Surface active agents.....	423	20	1	(5)	(5)	...	(5)	(5)
2844	Toilet preparations.....	8,799	406	1	(5)	(5)	...	(5)	(5)
285	Paints and varnishes.....	14,039	278	8	1	1	...	6	1
286	Gum and wood chemicals.....	5,219	74	34	3	5	2	24	3
2871	Fertilizers.....	118,249	11,104	40	(5)	13	5	21	1
2872	Fertilizers, mixing only.....	(11)	(11)	1	(5)	(5)	...	(5)	(5)
2873	Agricultural pesticides.....	1,422	45	2	1	(5)	(5)	1	(5)

See footnotes at end of table.

11-13

Industrial Use, for Industry Group and Selected Industries: 1959 and 1954-Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹					
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million)	Code
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)			
33	19	4	3	(NA)	(NA)	(NA)	(NA)	(NA)	22
7	5	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	2281
8	5	5	3	2	3	2	6,775	33	2283
52	35	15	11	(NA)	(NA)	(NA)	(NA)	(NA)	2284
8	5	1	(5)	1	1	1	2,013	16	229
10	10	5	4	2	3	2	3,580	37	2291
10	7	5	4	(NA)	(NA)	(NA)	(NA)	(NA)	2295
6	3	2	2	3	3	2	4,623	24	2296
4	3	1	(5)	1	1	1	2,759	15	2297
6	2	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	2298
19	13	11	9	1	1	(5)	1,779	17	2299
6	3	7	7	(NA)	(NA)	(NA)	(NA)	(NA)	23
178	131	184	126	133	160	109	84,663	532	2392
91	70	160	111	(NA)	(NA)	(NA)	(NA)	(NA)	24
86	66	159	110	(NA)	(NA)	(NA)	(NA)	(NA)	242
10	8	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	2421
49	34	16	11	12	14	12	13,960	101	2431
12	9	2	1	(NA)	(NA)	(NA)	(NA)	(NA)	2432
7	4	2	1	2	2	2	(NA)	(NA)	244
8	6	1	2	(NA)	(NA)	(NA)	(NA)	(NA)	2491
31	24	4	2	7	8	4	42,165	288	2499
11	10	1	1	4	4	3	(NA)	(NA)	25
669	586	6,046	1,824	1,786	4,242	1,620	251,002	263	2511
35	34	788	263	(NA)	(NA)	(NA)	(NA)	(NA)	26
255	237	3,361	1,023	(NA)	(NA)	(NA)	(NA)	(NA)	2611
187	178	1,569	444	(NA)	(NA)	(NA)	(NA)	(NA)	2621
38	25	45	14	20	28	19	14,833	162	2631
19	9	4	2	1	1	1	4,226	30	2641
5	5	3	1	85	95	84	1,540	13	2643
8	7	6	4	2	4	2	1,775	17	2645
19	13	25	11	(NA)	(NA)	(NA)	(NA)	(NA)	2646
14	7	115	6	(NA)	(NA)	(NA)	(NA)	(NA)	2649
19	10	6	5	(NA)	(NA)	(NA)	(NA)	(NA)	2651
16	14	2	2	(NA)	(NA)	(NA)	(NA)	(NA)	2653
49	46	120	49	(NA)	(NA)	(NA)	(NA)	(NA)	2654
79	52	47	13	11	17	10	129,001	1,120	2661
38	27	14	4	5	5	3	72,146	645	27
22	14	10	7	(NA)	(NA)	(NA)	(NA)	(NA)	2711
6	2	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	2751
933	688	5,225	3,061	2,685	4,293	2,550	446,604	6,324	2752
29	23	576	478	457	500	450	20,109	247	28
72	41	109	79	114	280	112	(NA)	(NA)	2812
13	5	4	3	13	13	12	1,315	14	2813
45	38	237	130	136	187	128	27,859	303	2814
28	20	90	68	41	56	39	10,037	174	2815
109	86	2,088	1,379	938	1,339	908	63,850	1,123	2816
164	130	840	334	412	877	396	48,782	639	2818
84	64	288	113	65	118	62	33,981	497	2819
15	15	100	35	33	120	31	7,611	140	2821
26	24	357	182	194	383	189	59,229	683	2822
11	9	102	51	194	383	189	59,229	683	2823
77	59	106	62	49	83	47	60,150	919	2824
55	42	56	21	22	48	20	48,837	780	283
27	22	79	22	(NA)	(NA)	(NA)	(NA)	(NA)	2834
7	4	4	1	(NA)	(NA)	(NA)	(NA)	(NA)	2841
4	4	2	1	(NA)	(NA)	(NA)	(NA)	(NA)	2842
14	8	1	25	9	15	8	6,048	179	2843
40	26	12	7	(NA)	(NA)	(NA)	(NA)	(NA)	2844
19	15	56	30	(NA)	(NA)	(NA)	(NA)	(NA)	285
47	25	67	33	38	46	33	10,101	87	286
3	3	1	1	1	1	1	252	3	2871
7	4	7	1	(NA)	(NA)	(NA)	(NA)	(NA)	2872

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Purpose of

(Represents data for establishments with a

Code	Industry group and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (million gallons)	Steam electric generating (million gallons)	Other cooling and condensing (million gallons)	Boiler feed, etc. (million gallons)
				Total (million gallons)	Treated prior to use (million gallons)				
28	Chemicals and allied products-- Continued								
2891	Glue and gelatin.....	2,670	52	9	4	5	(5)	3	1
2892	Explosives.....	11,071	120	15	5	3	1	8	3
2894	Fatty acids.....	1,261	23	2	(5)	(5)	...	1	(5)
2895	Carbon black.....	1,685	45	2	(5)	2	...	(5)	(5)
2899	Chemical preparations, nec.....	7,714	154	31	3	8	(5)	20	4
29	Petroleum and coal products.....	xxx	xxx	1,319	141	89	41	1,104	85
2911	Petroleum refining.....	134,773	2,392	1,311	141	85	41	1,101	83
2952	Asphalt felts and coatings.....	5,691	70	8	(5)	4	1	2	2
299	Petroleum and coal products, nec.....	1,222	21	1	(5)	(5)	...	(5)	(5)
30	Rubber and plastics products, nec.....	xxx	xxx	127	13	21	27	61	18
3011	Tires and inner tubes.....	91,043	1,270	69	7	13	25	22	9
3021	Rubber footwear.....	13,635	115	3	(5)	(5)	1	1	(5)
3031	Reclaimed rubber.....	2,053	23	4	(5)	(5)	...	4	(5)
3069	Fabricated rubber products, nec.....	78,718	736	39	2	5	1	27	6
3079	Plastics products, nec.....	26,471	274	11	4	3	(5)	7	1
31	Leather and leather products.....	xxx	xxx	12	1	10	(5)	1	1
3111	Leather tanning and finishing.....	18,336	153	12	1	10	(5)	1	1
32	Stone, clay and glass products.....	xxx	xxx	295	33	63	145	60	27
3211	Flat glass.....	24,514	373	38	8	10	16	8	4
3221	Glass containers.....	44,166	480	8	3	1	(5)	4	2
3229	Pressed and blown glass, nec.....	27,144	286	7	4	2	(5)	3	2
3231	Products of purchased glass.....	7,952	162	6	1	2	2	1	1
3241	Cement, hydraulic.....	36,579	719	179	11	14	128	30	7
3251	Structural clay products.....	554	2	1	(5)	(5)	...	(5)	(5)
326	Pottery and related products.....	17,164	133	2	(5)	1	(5)	1	1
3261	Vitreous plumbing fixtures.....	4,373	48	1	(5)	(5)	(5)	1	(5)
327	Concrete and plaster products.....	12,808	206	12	(5)	4	(5)	1	6
3273	Ready-mixed concrete.....	1,444	16	2	(5)	2	...	(5)	(5)
3274	Lime.....	2,674	32	4	...	1	...	(5)	3
3275	Gypsum products.....	7,428	145	6	(5)	2	(5)	1	3
3281	Cut stone and stone products.....	2,981	18	3	...	3	...	...	(5)
329	Nonmetallic minerals, nec.....	47,595	611	40	...	25	(5)	12	4
3291	Abrasive products.....	16,641	223	4	(5)	1	...	2	1
3292	Asbestos products.....	16,714	211	7	(5)	4	(5)	5	1
3293	Gaskets and insulations.....	3,148	22	3	(5)	1	...	(5)	1
3295	Minerals: Ground or treated.....	1,103	17	11	8	10	...	1	(5)
3296	Mineral wool.....	7,231	92	7	1	1	(5)	4	1
3297	Nonclay refractories.....	2,393	40	7	(5)	7	...	(5)	(5)
33	Primary metal industries.....	xxx	xxx	3,702	369	873	1,098	1,508	225
3312	Blast furnaces and steel mills.....	496,450	6,552	2,994	355	768	725	1,333	167
3313	Electrometallurgical products.....	10,757	150	228	2	3	148	64	14
3315	Steel wire drawing.....	11,509	132	3	(5)	2	...	1	1
3316	Cold finishing of steel shapes.....	7,274	120	6	(5)	2	(5)	4	(5)
3317	Steel pipe and tubes.....	13,999	213	7	(5)	5	...	1	1
3321	Gray iron foundries.....	49,223	460	24	1	11	...	10	3
3322	Malleable iron foundries.....	14,157	111	10	(5)	2	(5)	6	3
3323	Steel foundries.....	30,988	295	8	(5)	1	(5)	(5)	2

See footnotes at end of table.

INDUSTRIAL WATER USE

11-15

Industrial Use, for Industry Group and Selected Industries: 1959 and 1954—Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹						Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)		
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)				
15	10	12	7	(NA)	(NA)	(NA)	(NA)	(NA)	28	
25	19	20	14	48	61	46	30,315	170	2891	
7	5	8	2	6	13	5	1,756	32	2892	
14	7	4	(5)	(NA)	(NA)	(NA)	(NA)	(NA)	2894	
28	19	52	26	(NA)	(NA)	(NA)	(NA)	(NA)	2895	
									2899	
245	216	5,780	1,204	1,245	4,152	1,134	154,976	1,921	29	
215	198	5,767	1,199	1,222	4,106	1,113	143,189	1,802	2911	
23	14	11	4	20	53	18	8,218	85	2952	
7	4	2	(5)	3	7	3	(NA)	(NA)	299	
243	189	335	119	131	210	124	210,307	1,671	30	
48	42	131	64	65	114	64	83,467	792	3011	
8	5	4	3	4	5	3	11,526	77	3021	
9	5	5	4	3	5	3	2,174	16	3031	
125	100	62	38	44	67	40	86,362	602	3069	
53	37	134	10	15	18	14	26,778	178	3079	
64	32	14	12	20	22	18	37,347	225	31	
60	31	13	11	20	22	18	28,475	175	3111	
471	285	659	268	279	575	254	207,000	1,946	32	
20	17	69	38	26	47	24	20,852	222	3211	
55	35	33	7	7	15	7	36,752	270	3221	
36	22	11	7	6	11	6	27,692	213	3229	
11	4	7	6	4	6	4	6,091	102	3231	
142	99	305	160	183	247	154	33,800	453	3241	
20	9	1	1	2	6	2	1,074	6	3251	
27	12	3	2	5	18	5	17,994	104	326	
10	5	1	1	2	8	2	5,027	39	3261	
54	21	163	8	(NA)	(NA)	(NA)	(NA)	(NA)	327	
10	3	2	2	(7)	(7)	(7)	(7)	(7)	3273	
13	6	153	1	6	161	3	3,005	24	3274	
27	11	7	5	7	12	7	7,263	118	3275	
8	4	3	3	1	3	1	1,603	8	3281	
97	62	67	36	(NA)	(NA)	(NA)	(NA)	(NA)	329	
15	8	5	4	4	4	3	12,752	115	3291	
35	27	20	5	7	14	6	16,220	141	3292	
8	3	6	2	1	3	1	5,223	30	3293	
14	8	15	11	(NA)	(NA)	(NA)	(NA)	(NA)	3295	
16	11	14	6	(NA)	(NA)	(NA)	(NA)	(NA)	3296	
7	4	7	7	(NA)	(NA)	(NA)	(NA)	(NA)	3297	
769	551	5,673	3,551	3,842	4,947	3,682	911,584	8,251	33	
213	177	4,571	2,876	3,152	4,071	3,030	537,634	4,926	3312	
18	15	247	227	177	196	176	10,277	105	3313	
27	15	5	3	(NA)	(NA)	(NA)	(NA)	(NA)	3315	
21	10	7	6	(NA)	(NA)	(NA)	(NA)	(NA)	3316	
25	17	10	7	8	10	8	13,902	124	3317	
63	34	33	22	29	37	27	51,796	383	3321	
21	13	15	8	8	10	8	15,205	95	3322	
55	38	12	7	28	33	25	31,909	212	3323	

Table 2.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Purpose of

(Represents data for establishments with a

Code	Industry group and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (million gallons)	Steam electric generating (million gallons)	Other cooling and condensing (million gallons)	Boiler feed, etc. (million gallons)
				Total (million gallons)	Treated prior to use (million gallons)				
33	Primary metal industries--Continued								
3331	Primary copper.....	11,421	95	47	5	20	11	15	3
3332	Primary lead.....	2,498	25	4	(5)	1	5	2	1
3333	Primary zinc.....	7,830	74	41	(5)	3	23	14	1
3334	Primary aluminum.....	14,838	408	177	2	10	140	10	16
3341	Secondary nonferrous metals.....	3,714	22	4	(5)	1	...	2	1
3351	Copper rolling and drawing.....	35,649	465	30	8	16	4	8	2
3352	Aluminum rolling and drawing.....	43,865	530	38	8	13	6	17	2
3356	Rolling and drawing, nec.....	12,141	147	9	1	4	...	5	1
3357	Nonferrous wire drawing, etc.....	42,077	481	15	2	7	...	4	3
3361	Aluminum castings.....	9,862	84	2	(5)	1	...	1	(5)
3369	Nonferrous castings, nec.....	5,286	43	1	(5)	1	...	(5)	(5)
339	Primary metal industries, nec.....	26,085	248	7	1	2	(5)	2	3
3391	Iron and steel forgings.....	21,890	207	6	1	1	(5)	2	3
34	Fabricated metal products.....	xxx	xxx	44	3	18	1	13	11
3411	Metal cans.....	34,946	406	3	1	(5)	...	1	1
3421	Cutlery.....	4,120	85	1	(5)	(5)	1	(5)	(5)
3423	Edge tools.....	9,434	101	2	(5)	1	...	1	(5)
3425	Hand saws and saw blades.....	2,186	31	1	(5)	(5)	...	(5)	(5)
3429	Hardware, nec.....	43,451	457	7	(5)	4	(5)	1	1
3431	Plumbing fixtures.....	(D)	(D)	2	(5)	(5)	(5)	(5)	1
3432	Plumbing fixtures, brass goods.....	6,610	62	1	...	(5)	...	(5)	(5)
3433	Nonelectric heating equipment.....	10,913	123	1	(5)	(5)	...	1	(5)
344	Structural metal products.....	59,521	517	8	(5)	2	(5)	3	3
3441	Fabricated structural steel.....	11,129	77	1	(5)	(5)	(5)	(5)	(5)
3442	Metal doors, sash, and trim.....	10,072	93	2	(5)	1	...	(5)	1
3443	Boiler shop products.....	30,380	264	4	(5)	1	(5)	2	1
3451	Screw machine products.....	3,264	30	1	...	(5)	...	(5)	(5)
3452	Bolts, nuts, washers, and rivets.....	26,981	285	4	(5)	2	...	1	1
3461	Metal stampings.....	41,143	414	8	(5)	4	...	3	1
3481	Fabricated metal products, nec.....	11,213	95	2	(5)	1	...	1	(5)
349	Fabricated metal products, nec.....	52,989	570	6	1	2	(5)	2	2
3491	Metal barrels, drums, and pails.....	(D)	(D)	1	...	(5)	(5)	(5)	(5)
3494	Valves and pipe fittings.....	37,023	389	4	(5)	1	(5)	1	1
3493	Steel springs.....	3,641	29	1	(5)	(5)	...	(5)	(5)
35	Machinery, except electrical.....	xxx	xxx	171	13	16	75	55	25
3511	Steam engines and turbines.....	30,698	378	77	1	2	40	32	3
3519	Internal combustion engines.....	42,259	509	8	1	2	3	2	2
3522	Farm machinery and equipment.....	65,923	774	39	6	3	25	4	8
3531	Construction machinery.....	66,479	735	7	2	1	(5)	3	2
3533	Oil field machines and equipment.....	8,583	119	1	(5)	(5)	...	1	(5)
354	Metalworking machinery.....	48,786	506	5	(5)	1	(5)	2	2
3541	Metal-cutting machine tools.....	19,296	182	1	(5)	(5)	(5)	(5)	1
3548	Metalworking machinery, nec.....	9,642	93	1	(5)	(5)	(5)	1	(5)
355	Special industry machinery.....	29,622	224	8	(5)	1	5	1	1
3552	Textile machinery.....	11,495	74	4	(5)	(5)	3	(5)	(5)
356	General industrial machinery.....	81,847	929	8	1	3	(5)	3	2
3561	Pumps and compressors.....	18,946	190	1	(5)	(5)	...	(5)	1
3562	Ball and roller bearings.....	35,724	458	4	1	2	...	1	1
3566	Power transmission equipment.....	14,635	156	2	(5)	(5)	...	1	(5)
3569	General industry machinery, nec.....	6,935	67	1	(5)	(5)	(5)	(5)	(5)

See footnotes at end of table.

INDUSTRIAL WATER USE

11-17

Industrial Use, for Industry Group and Selected Industries: 1959 and 1954-Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹						Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)		
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)				
									33	
23	21	150	36	42	76	39	11,710	138	3331	
11	10	7	3	8	12	7	3,920	28	3332	
15	13	74	39	18	28	16	9,479	81	3333	
16	12	305	172	160	235	157	20,618	264	3334	
9	7	5	3	2	3	2	5,067	51	3341	
46	33	42	30	(NA)	(NA)	(NA)	(NA)	(NA)	3351	
44	30	72	35	(NA)	(NA)	(NA)	(NA)	(NA)	3352	
17	10	24	8	3	3	2	5,563	50	3356	
67	44	23	14	(NA)	(NA)	(NA)	(NA)	(NA)	3357	
17	13	4	2	89	812	88	826,875	8182	3361	
11	8	1	1						3369	
41	27	14	6	(NA)	(NA)	(NA)	(NA)	(NA)	339	
31	20	13	4	17	21	15	(NA)	(NA)	3391	
439	260	71	41	113	136	102	357,549	2,808	34	
41	18	5	3	3	3	3	22,905	192	3411	
5	5	1	1	2	2	1	5,284	63	3421	
19	11	3	1	1	1	(5)	5,993	41	3423	
3	1	1	1	3	3	3	3,378	27	3425	
44	29	12	6	13	14	12	52,057	380	3429	
11	7	5	1	(5)	5	4	19,205	162	3431	
11	7	1	(5)						3432	
19	10	2	1						(NA)	(NA)
72	48	14	7	47	52	45	(NA)	(NA)	344	
12	8	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	3441	
15	11	4	2	(NA)	(NA)	(NA)	(NA)	(NA)	3442	
32	21	8	4	(NA)	(NA)	(NA)	(NA)	(NA)	3443	
6	1	1	(5)	(5)	(5)	(5)	1,795	14	3451	
36	22	6	3	7	9	6	24,909	185	3452	
68	38	11	8	(5)	(5)	(5)	55,845	399	3461	
21	11	2	1	3	4	3	14,248	109	3481	
77	50	7	6	(NA)	(NA)	(NA)	(NA)	(NA)	349	
12	7	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	3491	
42	29	4	3	4	5	3	38,660	273	3494	
7	6	1	1	2	3	1	3,332	27	3493	
318	224	251	165	8228	8283	8206	81,154,146	89,293	35	
10	8	83	77	36	40	35	56,573	461	3511	
25	19	11	7						3519	
40	31	50	39	(NA)	(NA)	(NA)	(NA)	(NA)	3522	
36	25	18	6	(NA)	(NA)	(NA)	(NA)	(NA)	3531	
6	5	20	1	4	17	3	12,572	138	3533	
38	27	10	4	(NA)	(NA)	(NA)	(NA)	(NA)	354	
14	10	3	1	4	4	3	37,604	375	3541	
8	6	2	1	(NA)	(NA)	(NA)	(NA)	(NA)	3548	
26	17	9	5	9	13	7	44,325	318	355	
8	2	4	4	4	4	4	14,363	82	3552	
58	44	16	8	(NA)	(NA)	(NA)	(NA)	(NA)	356	
14	10	3	1	6	7	6	27,711	229	3561	
17	14	9	4	4	5	4	36,438	250	3562	
14	11	2	2	(NA)	(NA)	(NA)	(NA)	(NA)	3566	
6	6	2	1	(NA)	(NA)	(NA)	(NA)	(NA)	3569	

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Purpose of

(Represents data for establishments with a

		1959							
Code	Industry group and industry	All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				(billion gallons)	Treated prior to use (billion gallons)				
35	Machinery, except electrical--Continued								
357	Office machines, nec.....	76,596	775	11	(5)	2	2	5	2
3571	Computing and related machines.....	55,855	533	9	(5)	1	2	5	2
358	Service industry machines.....	38,784	440	4	(5)	1	...	1	1
3585	Refrigeration machinery.....	34,626	388	4	(5)	1	...	1	1
3599	Machine shops.....	15,699	161	3	(5)	1	(5)	1	1
36	Electrical machinery.....	xxx	xxx	93	6	24	28	24	16
3611	Electric measuring instruments.....	17,242	212	1	(5)	1	...	(5)	(5)
3612	Transformers.....	24,438	311	9	(5)	1	6	2	(5)
3613	Switchgear and switchboards.....	20,513	242	5	(5)	(5)	3	1	1
3621	Motors and generators.....	63,563	649	8	1	2	(5)	4	2
3622	Industrial controls.....	17,058	236	1	(5)	(5)	...	(5)	(5)
3629	Electric industrial goods, nec.....	5,740	64	1	(5)	(5)	...	1	(5)
363	Household appliances.....	93,717	1,088	18	...	7	...	8	3
3631	Household cooking equipment.....	6,578	94	1	(5)	(5)	...	(5)	(5)
3632	Household refrigerators.....	40,083	378	12	(5)	4	...	6	1
3633	Household laundry equipment.....	20,471	293	3	(5)	1	...	1	1
3634	Electric housewares and fans.....	13,974	204	1	(5)	1	...	(5)	(5)
3641	Electric lamps.....	9,487	142	1	(5)	(5)	...	(5)	(5)
3642	Lighting fixtures.....	8,150	91	2	(5)	1	...	(5)	(5)
3643	Current carrying devices.....	10,919	100	2	(5)	1	...	(5)	1
3644	Noncurrent carrying devices.....	6,555	80	1	(5)	(5)	...	(5)	(5)
3651	Radios and TV receiving sets.....	27,896	307	2	(5)	1	...	(5)	1
3652	Phonograph records.....	3,116	44	1	(5)	(5)	...	(5)	(5)
3661	Telephone; telegraph apparatus.....	63,779	541	15	(5)	2	11	1	1
3662	Radio, TV communication goods.....	59,452	647	11	1	1	8	1	2
3671	Electron tubes, receiving type.....	24,201	187	1	(5)	(5)	...	(5)	(5)
3672	Cathode ray picture tubes.....	4,536	56	1	(5)	(5)	...	(5)	(5)
3673	Electron tubes, transmitting.....	10,194	98	2	(5)	1	...	1	(5)
3679	Electronic components, nec.....	48,121	418	5	(5)	1	...	2	1
369	Electrical products, nec.....	41,408	499	5	(5)	3	...	1	1
3691	Storage batteries.....	6,558	72	2	(5)	1	(5)	(5)	(5)
3694	Engine electrical equipment.....	27,660	347	3	(5)	2	...	1	(5)
37	Transportation equipment.....	xxx	xxx	260	27	60	3	116	90
371	Motor vehicles and equipment.....	526,408	7,853	125	15	32	1	25	67
3717	Motor vehicles and parts.....	517,356	7,761	125	15	32	1	25	67
3721	Aircraft.....	357,463	(D)	14	1	4	...	5	5
3722	Aircraft engines and parts.....	117,035	1,251	76	5	18	...	55	4
3729	Aircraft equipment, nec.....	143,392	1,358	12	4	3	...	5	4
373	Ships and boats.....	92,755	756	23	1	2	(5)	13	8
3741	Locomotives and parts.....	14,034	198	2	(5)	(5)	(5)	(5)	1
3742	Railroad and street cars.....	17,204	177	6	1	(5)	2	1	2
3751	Motorcycles, bicycles and parts.....	5,823	47	1	(5)	(5)	...	(5)	(5)
38	Instruments and related products.....	xxx	xxx	23	8	9	4	5	5
3811	Scientific instruments.....	36,922	357	2	(5)	(5)	(5)	(5)	1
3821	Mechanical measuring devices.....	21,251	208	1	(5)	(5)	(5)	(5)	(5)
3822	Automatic temperature controls.....	20,127	211	3	(5)	1	1	1	1
384	Medical instruments and supplies.....	9,110	128	1	1	1	...	(5)	(5)
3842	Surgical appliances and supplies.....	6,168	100	1	1	1	...	(5)	(5)
3861	Photographic equipment.....	39,652	678	11	7	7	(5)	3	1
3871	Watches and clocks.....	14,472	134	1	(5)	(5)	(5)	(5)	(5)

See footnotes at end of table.

INDUSTRIAL WATER USE

11-19

Industrial Use, for Industry Group and Selected Industries: 1959 and 1954-Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹						Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)		
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)				
22	16	20	10	(NA)	(NA)	(NA)	(NA)	(NA)	357	
14	10	17	9	7	11	6	50,795	334	3571	
32	17	9	4	(NA)	(NA)	(NA)	(NA)	(NA)	358	
26	15	8	4	(NA)	(NA)	(NA)	(NA)	(NA)	3585	
17	12	5	3	3	4	3	18,153	126	3599	
351	247	159	88	(10)	(10)	(10)	(10)	(10)	36	
8	7	2	1	1	2	1	14,935	119	3611	
13	10	18	9	2	2	2	25,654	268	3612	
16	13	7	5	(NA)	(NA)	(NA)	(NA)	(NA)	3613	
48	33	17	8	11	14	11	(NA)	(NA)	3621	
7	5	2	1	(NA)	(NA)	(NA)	(NA)	(NA)	3622	
6	2	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	3629	
50	35	25	15	(NA)	(NA)	(NA)	(NA)	(NA)	363	
7	5	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	3631	
10	6	16	10	(NA)	(NA)	(NA)	(NA)	(NA)	3632	
10	10	4	3	7	8	7	16,852	167	3633	
13	6	2	1	(NA)	(NA)	(NA)	(NA)	(NA)	3634	
13	8	1	1	(5)	(5)	(5)	6,019	75	3641	
10	4	2	2	5	6	5	14,019	106	3642	
8	7	2	2	(NA)	(NA)	(NA)	(NA)	(NA)	3643	
8	5	4	1	(NA)	(NA)	(NA)	(NA)	(NA)	3644	
11	9	3	2	(NA)	(NA)	(NA)	(NA)	(NA)	3651	
6	5	3	1	(5)	1	(5)	1,848	9	3652	
16	15	29	14	13	14	13	51,839	391	3661	
24	20	15	11	(NA)	(NA)	(NA)	(NA)	(NA)	3662	
12	8	4	1	(NA)	(NA)	(NA)	(NA)	(NA)	3671	
4	4	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	3672	
7	6	3	2	(NA)	(NA)	(NA)	(NA)	(NA)	3673	
33	19	8	5	(NA)	(NA)	(NA)	(NA)	(NA)	3679	
40	22	9	5	5	6	5	49,135	387	369	
20	9	2	1	2	2	2	8,735	68	3691	
8	6	5	3	3	4	3	32,922	266	3694	
477	344	522	229	231	325	215	1,417,832	11,654	37	
272	208	297	119	(NA)	(NA)	(NA)	(NA)	(NA)	371	
260	204	297	118	91	155	86	582,758	5,596	3717	
26	23	50	13	16	26	13	436,346	3,084	3721	
48	35	96	54	75	84	74	145,667	1,252	3722	
56	39	29	11	(NA)	(NA)	(NA)	(NA)	(NA)	3729	
42	17	32	23	(NA)	(NA)	(NA)	(NA)	(NA)	373	
6	3	8	1	3	4	3	19,379	179	3741	
15	11	7	6	6	9	5	25,635	180	3742	
7	4	1	1	(5)	1	(5)	4,965	29	3751	
72	53	60	22	19	54	18	140,043	1,174	38	
9	6	5	2	(NA)	(NA)	(NA)	(NA)	(NA)	3811	
14	10	1	1	3	3	3	38,382	290	3821	
11	6	3	3						3822	
11	10	2	1	(NA)	(NA)	(NA)	(NA)	(NA)	384	
7	6	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	3842	
13	11	45	10	10	42	9	44,247	454	3861	
9	8	1	1	(5)	(5)	(5)	9,115	61	3871	

MANUFACTURES—SUMMARY STATISTICS

Table 2.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Purpose of

(Represents data for establishments with a

Code	Industry group and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				Total (billion gallons)	Treated prior to use (billion gallons)				
39	Miscellaneous manufacturing.....	xxx	xxx	14	2	5	3	3	2
391	Jewelry and silverware.....	9,049	77	5	...	1	3	1	(⁵)
3941	Games and toys, nec.....	5,799	44	1	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
3949	Sporting and athletic goods, nec.....	6,027	70	3	1	2	...	1	1
395	Office supplies.....	4,492	49	1	(⁵)	(⁵)	...	1	(⁵)
396	Costume jewelry and notions.....	7,226	56	1	(⁵)	1	(⁵)	(⁵)	(⁵)
398	Miscellaneous manufactures.....	8,410	126	2	(⁵)	(⁵)	(⁵)	1	1
3982	Hard surface floor coverings.....	5,271	79	1	(⁵)	(⁵)	(⁵)	1	(⁵)
19--	Ordnance and ammunition.....	203,419	3,746	12	3	3	(⁵)	4	5

Note: Detailed figures may not add to totals because of independent rounding.

NA Not available.

¹Retabulated to conform with the Standard Industrial Classification Manual issued in 1957. See text for explanation.²For 1959 figures represent adjusted value added by manufacture and for 1954, unadjusted value added. See text for explanation.³Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.⁴The 1959 figures include data for establishments in Hawaii and Alaska which reported a 1959 water intake of 84 billion gallons.

INDUSTRIAL WATER USE

11-21

Industrial Use, for Industry Group and Selected Industries: 1959 and 1954-Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹					Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)	
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)			
49	31	20	13	21	24	21	66,157	457	39
9	4	5	4	5	7	4	11,350	71	391
5	3	1	1	1	3	1	9,936	63	3941
8	6	5	3	1	1	1	3,278	31	3949
4	2	1	1	1	1	1	5,566	52	395
8	4	1	1	3	3	2	13,123	70	396
10	9	6	2	(NA)	(NA)	(NA)	(NA)	(NA)	398
5	5	6	1	2	4	2	7,344	76	3982
59	46	37	10	23	44	21	157,021	1,311	19--

⁵Less than 500 million gallons.⁶The 1959 data include and the 1954 data exclude figures for Hawaiian establishments.⁷The Ready-Mixed Concrete Industry was excluded from the 1954 Census of Manufactures.⁸Includes data for Industry 3362, Brass, Bronze, and Copper Casting.⁹Combined totals for Major Groups 35, Machinery, Except Electrical, and Major Group 36, Electrical Machinery.¹⁰See totals for Major Group 35, Machinery, Except Electrical.¹¹Data for 2871 and 2872 combined.

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Represents data for establishments with 1959

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source					Gross water used, including recirculation or reuse (billion gallons)	
			Total (billion gallons)	Fresh			Brackish ¹ (billion gallons)		
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)			From company ground water systems (billion gallons)
	United States, total.....	xxx	12,175	9,733	1,303	7,266	1,164	2,442	26,621
20	Food and kindred products.....	xxx	624	555	154	187	215	69	1,298
2011	Meat packing plants.....	7,072	76	74	30	6	38	2	149
2013	Prepared meats.....	327	2	1	1	...	(³)	(³)	3
2015	Poultry dressing plants.....	328	5	5	3	(³)	2	(³)	7
202	Dairy products.....	xxx	38	37	14	4	19	(³)	56
2021	Creamery butter.....	101	3	3	1	...	2	...	4
2023	Condensed and evaporated milk.....	334	11	10	1	3	6	(³)	13
2024	Ice cream and frozen desserts.....	243	3	3	1	...	2	...	6
2026	Fluid milk.....	1,850	19	19	10	1	8	(³)	30
2031	Canned and cured seafoods.....	116	4	1	1	(³)	(³)	3	4
2032	Canned specialties.....	776	15	14	10	2	3	(³)	16
2033	Canned fruits and vegetables.....	1,454	32	30	13	1	16	2	44
2034	Dehydrated fruits and vegetables.....	128	3	3	2	...	1	...	5
2035	Pickles and sauces.....	262	4	3	2	(³)	(³)	1	5
2036	Fresh or frozen packaged fish.....	70	1	1	(³)	...	(³)	1	1
2037	Frozen fruits and vegetables.....	689	36	35	5	3	27	1	56
2041	Flour and meal.....	445	2	2	1	(³)	1	...	2
2042	Prepared animal feeds.....	242	2	2	(³)	...	1	(³)	2
2043	Cereal preparations.....	410	4	4	1	(³)	3	...	5
2046	Wet corn milling.....	525	43	37	3	26	8	6	59
2051	Bread and related products.....	515	3	3	2	...	(³)	(³)	4
2052	Biscuit and crackers.....	513	2	2	1	(³)	1	...	4
2061	Raw cane sugar.....	153	70	69	2	50	17	1	122
2062	Cane sugar refining.....	986	63	32	4	26	1	31	71
2063	Beet sugar.....	376	48	47	5	28	14	1	80
207	Candy and related products.....	xxx	20	17	4	7	7	3	34
2082	Malt liquors.....	1,851	48	45	25	10	10	3	83
2083	Malt.....	116	5	5	2	1	3	...	9
2084	Wines and brandy.....	xxx	1	1	(³)	...	1	...	1
2085	Distilled liquor, except brandy.....	843	32	32	3	11	18	...	45
2086	Bottled and canned soft drinks.....	338	4	4	4	...	(³)	...	5
2087	Flavorings.....	164	4	4	1	2	1	(³)	15
2091	Cottonseed oil mills.....	(D)	1	1	(³)	...	1	...	3
2092	Soybean oil mills.....	621	9	9	2	2	5	...	22
2093	Vegetable oil mills, nec.....	151	3	2	(³)	...	1	2	6
2094	Grease and tallow.....	69	4	2	1	1	1	2	6
2096	Shortening and cooking oils.....	(D)	19	15	5	4	6	4	47
2097	Manufactured ice.....	8	5	4	1	(³)	4	1	13
2099	Food preparations, nec.....	1,123	17	10	4	1	5	7	27
21	Tobacco products.....	xxx	3	3	3	(³)	(³)	...	44
2111	Cigarettes.....	2,245	2	2	2	...	(³)	...	40
22	Textile mill products.....	xxx	135	135	40	83	12	1	182
2211	Weaving mills, cotton.....	2,097	27	27	9	15	3	...	41
2221	Weaving mills, synthetics.....	544	7	6	4	2	(³)	(³)	8
2231	Weaving, finishing mills, wool.....	555	15	15	5	9	1	(³)	21
2241	Narrow fabric mills.....	42	1	1	(³)	(³)	(³)	...	1
2251	Full-fashioned hosiery mills.....	xxx	1	1	(³)	...	(³)	...	1
2252	Seamless hosiery mills.....	194	2	2	1	(³)	(³)	...	8
2253	Knit outerwear mills.....	107	1	1	(³)	(³)	(³)	(³)	1
2254	Knit underwear mills.....	120	1	1	1	(³)	(³)	...	1
2256	Knit fabric mills.....	134	2	2	1	1	(³)	...	2
2261	Finishing plants, cotton.....	633	51	51	8	40	3	(³)	61
2262	Finishing plants, synthetics.....	77	5	5	1	3	(³)	(³)	5
2269	Finishing plants, nec.....	64	1	1	1	(³)	(³)	...	1
227	Floor covering mills.....	xxx	5	5	2	2	1	...	6
2271	Woven carpets and rugs.....	310	4	4	2	1	1	...	5
2281	Yarn mills, except wool.....	236	3	3	1	2	1	...	4
2283	Wool yarn mills.....	74	1	1	(³)	(³)	(³)	...	1
2284	Thread mills.....	109	3	3	1	2	(³)	...	5
229	Miscellaneous textile goods.....	xxx	12	12	4	6	2	(³)	15
2291	Felt goods, nec.....	50	1	1	(³)	(³)	(³)	...	1
2295	Coated fabric, not rubberized.....	159	4	4	2	1	(³)	(³)	5
2296	Tire cord and fabric.....	272	4	4	1	3	(³)	...	5
2297	Scouring and combing plants.....	50	2	2	(³)	1	1	...	2
2298	Cordage and twine.....	31	1	1	1	(³)	(³)	...	1
2299	Textile goods, nec.....	39	1	1	(³)	(³)	(³)	(³)	1

See footnotes at end of table.

Source of Intake and Point of Discharge for Industry Group and Selected Industries: 1959

water intake of 20 million gallons or more)

Water discharged and treated													Code
Total	Treated prior to discharge	Point of discharge											
		Public utility sewer			Surface water body			Ground, wells, etc.			Trans-ferred to other users		
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated			
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)		
11,449	2,309	997	76	98	10,181	1,381	3,437	98	15	18	174		
571	74	209	12	18	316	29	42	24	4	1	22	20	
70	11	50	4	6	18	2	3	2	1	...	(3)	2011	
1	(3)	1	(3)	(3)	(3)	...	...	(3)	(3)	...	...	2013
4	(3)	3	(3)	(3)	1	(3)	(3)	...	...	...	...	2015
34	3	22	1	1	10	1	1	2	(3)	(3)	(3)	202	
3	(3)	2	(3)	(3)	(3)	...	...	(3)	(3)	...	(3)	2021
10	1	3	1	(3)	6	(3)	1	(3)	...	(3)	(3)	2023	
3	(3)	2	(3)	(3)	(3)	...	...	1	...	...	...	2024
17	2	13	1	(3)	3	1	1	1	...	...	(3)	2026
4	(3)	(3)	(3)	...	3	...	...	...	...	...	...	2031
13	2	10	(3)	1	3	(3)	1	1	(3)	...	(3)	2032	
28	7	15	2	1	10	2	5	3	1	(3)	1	2033	
3	1	3	(3)	...	1	1	...	(3)	...	...	...	2034
4	(3)	2	(3)	(3)	2	(3)	...	(3)	(3)	...	(3)	2035	
1	...	(3)	...	...	1	...	...	...	...	...	...	2036
35	6	6	1	2	22	5	11	5	1	(3)	1	2037	
1	(3)	1	(3)	(3)	(3)	(3)	...	...	...	...	...	2041
2	1	(3)	...	...	1	1	(3)	...	...	...	...	2042
4	1	3	...	1	(3)	...	...	(3)	...	...	...	2043
39	4	10	...	...	29	4	(3)	1	...	...	...	2046
2	(3)	2	...	(3)	(3)	...	...	...	...	...	(3)	2051
2	(3)	1	...	(3)	(3)	...	...	(3)	...	...	(3)	2052
61	5	(3)	...	...	43	1	2	2	(3)	...	15	2061
60	1	5	...	(3)	50	...	...	(3)	...	...	...	2062
45	17	1	(3)	(3)	40	14	10	5	1	(3)	(3)	2063	
19	(3)	3	...	...	15	(3)	(3)	(3)	(3)	...	(3)	207
43	3	30	1	4	12	(3)	5	(3)	...	(3)	(3)	2082	
5	(3)	4	...	(3)	1	...	(3)	...	...	...	...	2083
1	(3)	1	...	...	(3)	...	...	(3)	...	(3)	...	2084
29	(3)	10	(3)	(3)	19	(3)	1	(3)	...	...	...	2085
3	(3)	3	(3)	(3)	(3)	...	...	(3)	...	...	...	2086
4	1	1	(3)	(3)	3	...	2	1	...	...	(3)	2087
1	...	(3)	...	...	1	...	(3)	...	...	...	(3)	2091
8	2	2	(3)	1	6	(3)	2	(3)	(3)	...	...	2092
3	(3)	1	...	(3)	2	...	1	(3)	...	...	...	2093
4	1	1	(3)	(3)	2	...	2	1	...	(3)	...	2094	
18	3	8	...	(3)	9	(3)	3	(3)	...	...	(3)	2096
5	...	3	...	...	2	...	...	(3)	...	...	...	2097
15	1	5	...	(3)	10	(3)	...	1	...	...	...	2099
2	(3)	2	...	1	(3)	...	...	(3)	...	...	...	21
2	(3)	2	...	1	(3)	...	...	...	...	...	...	2111
120	17	38	2	2	80	8	13	2	(3)	(3)	1	22	
23	2	9	1	1	14	(3)	(3)	(3)	...	...	...	2211
6	(3)	3	(3)	...	3	...	(3)	(3)	...	...	...	2221
13	2	4	(3)	1	9	2	(3)	(3)	(3)	(3)	...	2231	
1	(3)	(3)	(3)	...	(3)	...	...	...	...	...	...	2241
1	(3)	1	...	(3)	(3)	...	...	...	...	...	(3)	2251
1	(3)	1	(3)	...	(3)	...	(2)	...	...	...	...	2252
1	(3)	(3)	(3)	...	(3)	...	...	...	...	...	...	2253
1	(3)	1	(3)	...	(3)	...	(3)	(3)	...	...	...	2254
2	(3)	1	...	...	1	(3)	(3)	...	...	...	...	2256
45	9	8	(3)	1	36	3	7	(3)	...	...	1	2261
4	1	2	(3)	...	2	1	(3)	(3)	...	...	...	2262
1	(3)	1	...	...	(3)	...	...	...	...	...	...	2269
4	1	2	...	...	2	(3)	1	(3)	...	...	...	227
3	(3)	2	...	...	2	...	1	...	...	...	...	2271
3	(3)	1	...	(3)	2	...	...	(3)	...	(3)	(3)	2281
1	(3)	(3)	...	...	(3)	...	(3)	(3)	...	...	...	2283
3	(3)	1	...	...	2	(3)	...	(3)	...	...	...	2284
11	1	3	(3)	(3)	7	1	4	(3)	...	...	...	229
(3)	(3)	(3)	...	...	(3)	...	(3)	...	...	...	...	2291
4	1	1	(3)	...	2	1	...	(3)	...	...	...	2295
4	(3)	(3)	(3)	...	3	...	3	(3)	...	...	...	2296
2	(3)	(3)	...	...	1	...	1	...	...	...	...	2297
(3)	(3)	(3)	...	...	(3)	...	(3)	...	...	...	...	2298
1	(3)	(3)	...	...	(3)	...	(3)	...	...	...	...	2299

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1959

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Total (billion gallons)	Fresh			Brackish ¹ (billion gallons)	
					From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)		
23	Apparel and related products.....	xxx	10	9	9	...	(³)	(³)	11
2392	Housefurnishings, nec.....	96	7	7	7	...	(³)	...	
24	Lumber and wood products.....	xxx	140	116	9	95	12	24	184
242	Sawmills and planing mills.....	xxx	122	101	5	86	9	21	160
2421	Sawmills and planing mills.....	656	120	99	5	85	9	21	159
2431	Millwork plants.....	97	1	1	(³)	...	1	(³)	1
2432	Veneer and plywood plants.....	306	13	11	3	8	1	2	16
244	Wooden containers.....	57	1	1	(³)	(³)	1	...	2
2491	Wood preserving.....	16	1	1	(³)	1	(³)	(³)	2
2499	Wood products, nec.....	48	1	1	(³)	(³)	1	...	1
25	Furniture and fixtures.....	xxx	3	2	1	1	(³)	(³)	4
2511	Wood furniture not upholstered.....	160	1	1	1	(³)	(³)	(³)	1
26	Paper and allied products.....	xxx	1,937	1,768	220	1,210	338	170	6,046
2611	Pulp mills.....	509	267	256	50	132	74	12	788
2621	Paper mills, except building.....	3,501	1,089	1,007	95	775	138	82	3,361
2631	Paperboard mills.....	1,756	478	403	65	232	105	75	1,569
2641	Paper coating and glazing.....	495	15	14	1	9	4	(³)	45
2643	Bags, except textile bags.....	168	2	2	1	(³)	1	(³)	4
2645	Die cut paper and board.....	50	2	2	(³)	1	(³)	...	3
2646	Pressed and molded pulp goods.....	54	4	4	2	2	1	...	6
2649	Paper and board products, nec.....	379	12	12	1	7	4	(³)	25
2651	Folding paperboard boxes.....	173	6	6	1	4	1	...	115
2653	Corrugated shipping containers.....	170	5	5	1	4	(³)	...	6
2654	Sanitary food containers.....	334	2	2	1	(³)	(³)	(³)	2
2661	Building paper and board mills.....	362	55	54	2	42	10	1	120
27	Printing and publishing.....	xxx	13	11	9	(³)	2	2	47
2711	Newspapers.....	1,208	5	2	2	...	1	2	14
2751	Printing: Letterpress.....	485	7	7	6	...	1	(³)	10
2752	Printing: Lithographic.....	42	1	1	1	(³)	(³)	...	1
28	Chemicals and allied products.....	xxx	3,241	2,083	132	1,703	249	1,157	5,225
2812	Alkalies and chlorine.....	562	516	286	10	253	23	230	576
2813	Industrial gases.....	129	88	87	3	78	6	1	109
2814	Cyclic (coal tar) crudes.....	87	3	3	1	2	(³)	(³)	4
2815	Intermediate coal tar products.....	886	134	98	15	69	13	36	237
2816	Inorganic pigments.....	390	72	30	6	20	4	42	90
2818	Organic chemicals, nec.....	3,261	1,423	683	28	613	42	740	2,088
2819	Inorganic chemicals, nec.....	1,624	362	335	20	276	39	27	840
2821	Plastics materials.....	1,813	123	103	15	72	16	20	288
2822	Synthetic rubber.....	592	38	36	3	28	5	1	100
2823	Cellulosic man-made fibers.....	788	178	178	2	158	18	(³)	321
2824	Organic fibers, noncellulosic.....	871	66	66	1	60	6	...	139
283	Drugs.....	xxx	65	43	13	15	16	21	106
2834	Pharmaceutical preparations.....	1,920	23	23	8	7	8	(³)	56
2841	Soap and other detergents.....	1,361	24	14	5	5	4	10	79
2842	Polishes and sanitation goods.....	142	3	3	1	2	1	(³)	4
2843	Surface active agents.....	36	1	1	(³)	...	1	...	2
2844	Toilet preparations.....	559	1	1	1	...	(³)	...	1
285	Paints and varnishes.....	xxx	8	8	3	5	1	(³)	12
286	Gum and wood chemicals.....	xxx	34	30	1	11	19	4	56
2871	Fertilizers.....	xxx	40	22	1	3	19	18	67
2872	Fertilizers, mixing only.....	xxx	1	1	(³)	(³)	(³)	...	1
2873	Agricultural pesticides.....	78	2	2	(³)	...	2	...	7
2891	Glue and gelatin.....	102	9	9	2	5	3	...	12
2892	Explosives.....	206	15	14	(³)	11	3	1	20
2894	Fatty acids.....	66	2	2	1	1	1	(³)	8
2895	Carbon black.....	78	2	2	(³)	(³)	2	...	4
2899	Chemical preparations, nec.....	261	31	25	1	17	7	7	52
29	Petroleum and coal products.....	xxx	1,319	719	131	492	96	600	5,780
2911	Petroleum refining.....	14,377	1,311	711	128	490	93	599	5,767
2952	Asphalt felts and coatings.....	189	8	7	3	2	3	1	11
299	Petroleum and coal products, nec.....	xxx	1	1	(³)	(³)	...	...	2

See footnotes at end of table.

INDUSTRIAL WATER USE

11-25

Intake and Point of Discharge for Industry Group and Selected Industries: 1959-Continued

water intake of 20 million gallons or more)

Water discharged and treated												Code
Total	Treated prior to discharge	Point of discharge										
		Public utility sewer			Surface water body			Ground, wells, etc.			Trans-ferred to other users	
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated		
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
9	...	9	...	...	(³)	...	...	(³)	...	...	...	23
7	...	7	...	...	(³)	...	...	...	...	...	...	2392
126	31	8	(³)	3	112	5	21	2	(³)	(³)	3	24
111	29	6	(³)	2	100	4	18	1	(³)	(³)	3	242
110	29	6	(³)	2	99	4	18	1	(³)	(³)	3	2421
1	1	(³)	(³)	...	1	1	...	(³)	...	...	...	2431
11	(³)	1	(³)	...	10	...	2	(³)	...	...	(³)	2432
1	(³)	(³)	...	...	(³)	(³)	...	(³)	...	...	...	244
1	(³)	(³)	...	(³)	1	...	1	(³)	...	(³)	...	2491
2	(³)	(³)	...	...	(³)	...	...	(³)	(³)	...	...	2499
2	(³)	1	(³)	(³)	1	...	(³)	(³)	...	(³)	...	25
1	...	(³)	...	...	1	...	...	(³)	...	...	...	2511
1,824	1,006	81	13	2	1,732	190	600	9	1	1	2	26
263	40	7	4	..	256	13	85	(³)	...	(³)	1	2611
1,023	213	35	2	1	982	91	367	5	(³)	1	1	2621
444	127	28	5	1	413	64	111	3	1	(³)	(³)	2631
14	6	1	(³)	(³)	13	6	2	(³)	(³)	...	(³)	2641
2	(³)	(³)	...	...	1	5	(³)	(³)	...	...	(³)	2643
1	(³)	(³)	...	(³)	1	...	...	...	...	...	...	2645
4	(³)	1	...	...	3	(³)	(³)	...	...	...	...	2646
11	4	3	1	(³)	8	1	4	(³)	(³)	...	(³)	2649
6	3	1	(³)	...	4	1	2	...	...	...	...	2651
5	2	1	(³)	(³)	4	(³)	2	(³)	...	...	...	2653
2	(³)	1	...	...	(³)	3	...	(³)	...	...	...	2654
49	9	3	(³)	(³)	46	3	26	(³)	...	...	...	2661
13	(³)	7	(³)	1	5	...	...	(³)	...	...	...	27
4	(³)	2	...	(³)	2	...	...	(³)	...	...	...	2711
7	(³)	4	...	(³)	3	...	...	(³)	...	...	...	2751
1	...	1	...	...	(³)	...	...	(³)	...	...	...	2752
3,061	499	107	16	9	2,822	398	786	19	2	9	113	28
478	10	3	(³)	...	472	9	54	2	...	...	(³)	2812
79	(³)	7	(³)	...	73	(³)	(³)	(³)	(³)	(³)	(³)	2813
3	(³)	(³)	(³)	...	3	...	2	(³)	...	(³)	...	2814
130	38	20	9	2	109	12	62	2	...	...	...	2815
68	7	2	(³)	(³)	66	(³)	38	(³)	...	...	(³)	2816
1,379	278	13	1	2	1,256	262	272	1	1	(³)	109	2818
334	31	20	1	(³)	311	19	181	1	(³)	(³)	1	2819
113	26	12	(³)	2	97	24	18	2	(³)	2	2	2821
35	30	1	(³)	(³)	34	29	3	(³)	(³)	...	...	2822
170	25	2	1	...	165	8	85	4	...	4	...	2823
63	15	(³)	...	...	63	14	30	...	...	...	...	2824
62	5	10	1	1	49	1	14	3	(³)	2	(³)	283
21	2	8	(³)	1	10	1	2	3	(³)	2	(³)	2834
22	3	7	...	1	16	1	4	(³)	...	...	(³)	2841
1	...	(³)	...	...	1	...	(³)	(³)	...	...	(³)	2842
1	(³)	(³)	...	...	1	...	1	(³)	...	...	...	2843
25	(³)	1	...	...	(³)	(³)	...	(³)	...	...	...	2844
7	(³)	3	(³)	(³)	5	...	4	(³)	...	...	(³)	285
30	15	2	1	(³)	28	13	1	(³)	...	(³)	...	286
33	10	1	(³)	(³)	32	4	13	(³)	(³)	...	(³)	2871
1	...	(³)	...	...	(³)	...	...	(³)	...	...	...	2872
1	10	1	...	...	33	...	...	1	(³)	...	(³)	2873
7	2	2	1	(³)	5	...	1	(³)	...	...	...	2891
14	2	(³)	(³)	...	13	1	5	1	(³)	(³)	(³)	2892
2	1	1	...	...	1	1	...	...	...	...	...	2894
(³)	(³)	...	...	...	(³)	(³)	...	(³)	...	...	(³)	2895
26	5	4	...	(³)	43	(³)	...	2	...	...	(³)	2899
1,204	656	11	1	2	1,181	580	192	5	3	(³)	7	29
1,199	655	9	1	2	1,178	579	192	5	3	(³)	7	2911
4	1	1	(³)	(³)	3	1	(³)	(³)	...	...	...	2952
(³)	(³)	(³)	(³)	(³)	(³)	...	...	(³)	...	...	...	299

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1959

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Fresh				Brackish ¹ (billion gallons)	
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)		
30	Rubber and plastics products, nec.....	xxx	127	122	27	73	23	4	335
3011	Tires and inner tubes.....	2,855	69	69	12	47	11	(^a)	131
3021	Rubber footwear.....	174	3	3	(^a)	2	1	...	4
3031	Reclaimed rubber.....	43	4	4	1	1	2	(^a)	5
3069	Fabricated rubber products, nec.....	1,307	39	36	11	20	5	3	62
3079	Plastics products, nec.....	539	11	10	3	3	5	1	134
31	Leather and leather products.....	xxx	12	12	5	4	3	(^a)	14
3111	Leather tanning and finishing.....	416	12	11	5	4	2	(^a)	13
32	Stone, clay and glass products.....	xxx	295	266	27	207	33	29	659
3211	Flat glass.....	517	38	38	4	33	1	...	69
3221	Glass containers.....	754	8	7	3	3	3	(^a)	33
3229	Pressed and blown glass, nec.....	391	7	7	4	1	2	...	11
3231	Products of purchased glass.....	287	6	6	2	4	1	...	7
3241	Cement, hydraulic.....	1,052	179	169	3	156	10	10	305
325	Structural clay products.....	xxx	1	1	(^a)	(^a)	(^a)	...	1
326	Pottery and related products.....	xxx	2	2	1	(^a)	(^a)	(^a)	3
3261	Vitreous plumbing fixtures.....	72	1	1	(^a)	(^a)	(^a)	(^a)	1
327	Concrete and plaster products.....	xxx	12	9	1	2	5	3	163
3273	Ready-mixed concrete.....	33	2	2	(^a)	1	1	...	2
3274	Lime.....	59	4	4	(^a)	(^a)	3	(^a)	153
3275	Gypsum products.....	351	6	3	1	1	1	3	7
3281	Cut stone and stone products.....	27	3	3	(^a)	3	(^a)	...	3
329	Nonmetallic minerals, nec.....	xxx	40	25	8	7	9	15	67
3291	Abrasive products.....	359	4	4	2	1	2	...	5
3292	Asbestos products.....	390	7	7	2	4	1	(^a)	20
3293	Gaskets and insulations.....	36	3	3	1	(^a)	2	...	6
3295	Minerals: Ground or treated.....	37	11	3	(^a)	1	1	8	15
3296	Mineral wool.....	170	7	7	3	1	4	...	14
3297	Nonclay refractories.....	72	7	1	(^a)	(^a)	(^a)	6	7
33	Primary metal industries.....	xxx	3,702	3,408	280	3,016	113	294	5,673
3312	Blast furnaces and steel mills.....	xxx	2,994	2,785	210	2,511	61	211	4,571
3313	Electrometallurgical products.....	343	228	228	2	224	2	...	247
3315	Steel wire drawing.....	301	3	3	2	1	(^a)	...	5
3316	Cold finishing of steel shapes.....	403	6	6	1	4	1	(^a)	7
3317	Steel pipe and tubes.....	591	7	7	2	4	1	...	10
3321	Gray iron foundries.....	895	24	24	5	17	1	(^a)	33
3322	Malleable iron foundries.....	188	10	10	6	3	1	...	15
3323	Steel foundries.....	439	8	8	3	4	1	...	12
3331	Primary copper.....	xxx	47	24	2	14	9	23	150
3332	Primary lead.....	xxx	4	3	1	2	(^a)	2	7
3333	Primary zinc.....	221	41	41	1	30	10	...	74
3334	Primary aluminum.....	816	177	177	8	159	10	(^a)	305
3341	Secondary nonferrous metals.....	143	4	3	1	1	2	1	5
3351	Copper rolling and drawing.....	1,336	30	30	11	16	3	1	42
3352	Aluminum rolling and drawing.....	1,623	38	30	4	21	5	8	72
3356	Rolling and drawing, nec.....	340	9	8	5	2	1	2	24
3357	Nonferrous wire drawing, etc.....	1,309	15	13	9	2	2	2	23
3361	Aluminum castings.....	163	2	2	1	(^a)	(^a)	(^a)	4
3369	Nonferrous castings, nec.....	73	1	1	1	...	(^a)	...	1
339	Primary metal industries, nec.....	xxx	7	7	5	1	1	...	14
3391	Iron and steel forgings.....	447	6	6	4	1	1	...	13
34	Fabricated metal products.....	xxx	44	42	34	2	7	1	71
3411	Metal cans.....	1,037	3	3	2	...	1	(^a)	5
3421	Cutlery.....	107	1	(^a)	(^a)	(^a)	...	(^a)	1
3423	Edge tools.....	163	2	2	1	(^a)	(^a)	(^a)	3
3425	Hand saws and saw blades.....	47	1	1	(^a)	(^a)	(^a)	...	1
3429	Hardware, nec.....	744	7	7	5	(^a)	1	(^a)	12
3431	Plumbing fixtures.....	(D)	2	2	1	(^a)	(^a)	...	5
3432	Plumbing fixtures, brass goods.....	120	1	(^a)	(^a)	(^a)	(^a)	...	1
3433	Nonelectric heating equipment.....	252	1	1	1	(^a)	(^a)	...	2

See footnotes at end of table.

INDUSTRIAL WATER USE

11-27

Intake and Point of Discharge for Industry Group and Selected Industries: 1959-Continued

water intake of 20 million gallons or more)

Water discharged and treated												Code
Total	Treated prior to discharge	Point of discharge										
		Public utility sewer			Surface water body			Ground, wells, etc.			Transferred to other users	
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated		
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
119	4	23	1	1	92	1	8	2	(³)	(³)	2	30
64	1	8	(³)	(³)	56	1	2	(³)	(³)	(³)	...	3011
3	(³)	(³)	...	...	2	...	...	(³)	...	...	1	3021
4	(³)	2	...	(³)	2	...	...	(³)	...	...	...	3031
38	1	8	(³)	1	28	(³)	5	1	(³)	(³)	(³)	3069
10	2	4	1	...	4	(³)	1	1	...	(³)	(³)	3079
12	2	6	1	1	5	1	(³)	1	(³)	(³)	...	31
11	2	6	1	1	4	1	(³)	1	(³)	(³)	...	3111
268	11	21	1	1	242	3	10	5	(³)	1	1	32
38	2	1	1	(³)	36	1	1	(³)	...	...	...	3211
7	1	4	(³)	(³)	3	(³)	(³)	(³)	(³)	(³)	...	3221
7	3	3	(³)	(³)	5	3	1	(³)	...	...	(³)	3229
6	(³)	1	...	...	5	...	1	...	...	...	...	3231
160	1	1	(³)	(³)	157	(³)	3	2	(³)	(³)	(³)	3241
1	(³)	(³)	...	(³)	(³)	(³)	(³)	(³)	...	...	...	325
2	(³)	1	(³)	(³)	1	...	(³)	(³)	...	...	...	326
1	(³)	(³)	...	...	(³)	...	(³)	...	...	...	...	3261
8	1	1	(³)	...	6	1	(³)	1	(³)	(³)	(³)	327
2	1	(³)	...	...	1	1	...	1	(³)	...	(³)	3273
1	(³)	(³)	...	...	1	(³)	(³)	(³)	...	(³)	...	3274
5	(³)	1	(³)	...	4	...	(³)	(³)	(³)	...	(³)	3275
3	(³)	(³)	...	...	3	...	...	...	...	...	...	3281
36	4	10	(³)	1	27	1	2	1	...	(³)	(³)	329
4	(³)	3	...	...	1	...	...	(³)	...	(³)	...	3291
5	2	1	(³)	(³)	4	1	1	1	...	...	...	3292
2	(³)	1	...	(³)	2	(³)	...	...	...	...	...	3293
11	(³)	(³)	(³)	...	11	(³)	...	(³)	...	(³)	(³)	3295
6	(³)	5	...	(³)	1	(³)	1	(³)	...	...	...	3296
7	...	(³)	...	(³)	7	...	...	(³)	...	(³)	...	3297
3,551	536	263	19	19	3,245	140	1,635	21	4	3	22	33
2,876	458	188	3	6	2,680	94	1,547	8	1	1	(³)	3312
227	8	4	...	...	222	4	59	1	(³)	1	...	3313
3	(³)	1	(³)	(³)	1	(³)	(³)	(³)	...	...	...	3315
6	(³)	1	(³)	1	5	...	(³)	(³)	...	...	...	3316
7	(³)	3	(³)	(³)	4	...	(³)	(³)	...	...	(³)	3317
22	9	11	7	(³)	11	(³)	4	(³)	...	...	...	3321
8	(³)	5	(³)	(³)	2	...	(³)	1	...	1	...	3322
7	1	2	(³)	(³)	5	1	1	(³)	(³)	...	...	3323
36	8	3	(³)	...	32	8	...	1	(³)	...	...	3331
3	(³)	(³)	(³)	(³)	3	(³)	...	(³)	...	...	...	3332
39	27	3	(³)	1	30	24	(³)	6	...	...	...	3333
172	15	8	6	1	164	8	9	(³)	(³)	...	(³)	3334
3	(³)	1	...	...	1	(³)	(³)	(³)	...	...	(³)	3341
30	5	9	2	3	21	2	3	(³)	...	...	(³)	3351
35	1	3	(³)	(³)	30	...	10	2	(³)	(³)	1	3352
8	(³)	6	(³)	1	2	(³)	1	(³)	(³)	...	...	3356
14	1	8	(³)	4	5	...	(³)	(³)	(³)	1	(³)	3357
2	(³)	1	...	...	1	(³)	(³)	(³)	...	...	(³)	3361
1	(³)	1	...	(³)	(³)	...	...	(³)	...	...	...	3369
6	(³)	4	(³)	1	1	...	(³)	(³)	...	...	...	339
4	(³)	4	...	1	1	...	...	(³)	...	...	...	3391
41	3	29	(³)	3	11	1	3	1	(³)	(³)	(³)	34
3	(³)	2	(³)	(³)	(³)	...	...	(³)	(³)	...	(³)	3411
1	(³)	(³)	...	...	1	...	...	...	...	...	...	3421
1	(³)	1	...	(³)	1	...	...	(³)	...	...	...	3423
1	(³)	(³)	...	(³)	(³)	...	...	...	...	...	...	3425
6	1	5	...	1	1	...	1	(³)	...	...	...	3429
1	(³)	(³)	...	...	1	(³)	(³)	...	...	...	...	3431
(³)	(³)	(³)	...	(³)	(³)	...	...	(³)	...	...	...	3432
1	(³)	1	...	(³)	(³)	...	...	(³)	...	...	...	3433

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1959)

Code	Industry group and industry	Value of shipments (million gallons)	Water intake by source						Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Fresh				Brackish ¹ (billion gallons)	
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)		
34	Fabricated metal products--Continued								
344	Structural metal products.....	xxx	8	7	6	1	1	...	1
3441	Fabricated structural steel.....	183	1	1	(³)	(³)	(³)	...	1
3442	Metal doors, sash, and trim.....	178	2	2	2	...	(³)	...	4
3443	Boiler shop products.....	566	4	4	3	1	(³)	...	8
3451	Screw machine products.....	51	1	1	1	...	...	...	1
3452	Bolts, nuts, washers, and rivets.....	468	4	4	3	(³)	1	...	6
3461	Metal stampings.....	850	8	8	7	(³)	1	(³)	11
3481	Fabricated wire products, nec.....	189	2	2	1	...	(³)	...	2
349	Fabricated metal products, nec.....	xxx	6	6	5	(³)	1	(³)	7
3491	Metal barrels, drums and pails.....*	(D)	1	(³)	(³)	...	...	(³)	1
3493	Steel springs.....	71	1	1	(³)	(³)	(³)	...	1
3494	Valves and pipe fittings.....	622	4	4	3	...	(³)	(³)	4
35	Machinery, except electrical	xxx	171	147	38	95	15	23	251
3511	Steam engines and turbines.....	685	77	56	4	52	(³)	21	83
3519	Internal combustion engines.....	988	7	7	2	4	1	...	11
3522	Farm machinery and equipment.....	1,576	39	39	10	27	2	(³)	50
3531	Construction machinery.....	1,544	7	7	3	3	1	...	18
3533	Oil-field machines and equipment.....	174	1	1	(³)	(³)	1	...	20
354	Metalworking machinery.....	xxx	5	5	3	1	1	(³)	10
3541	Metal-cutting machine tools.....	254	1	1	1	(³)	(³)	...	3
3548	Metalworking machinery, nec.....	173	1	1	1	(³)	(³)	(³)	2
355	Special industry machinery.....	xxx	8	5	2	4	(³)	2	9
3552	Textile machinery.....	126	4	4	1	3	(³)	...	4
356	General industrial machinery.....	xxx	8	8	5	1	2	...	16
3561	Pumps and compressors.....	380	1	1	1	(³)	(³)	...	3
3562	Ball and roller bearings.....	583	4	4	2	(³)	1	...	9
3566	Power transmission equipment.....	236	2	2	1	(³)	1	...	2
3569	General industry machinery, nec.....	91	1	1	1	...	(³)	...	2
357	Office machines, nec.....	xxx	11	11	3	4	4	...	20
3571	Computing and related machines.....	981	9	9	2	4	4	...	17
358	Service industry machines.....	xxx	4	4	3	...	1	...	9
3585	Refrigeration machinery.....	xxx	4	4	3	...	1	...	8
3599	Machine shops.....	xxx	3	3	2	...	1	...	5
36	Electrical machinery.....	xxx	93	82	46	23	13	11	159
3611	Electric measuring instruments.....	284	1	1	1	(³)	(³)	...	2
3612	Transformers.....	510	9	9	2	6	(³)	...	18
3613	Switchgear and switchboards.....	395	5	5	2	3	(³)	...	7
3621	Motors and generators.....	1,053	8	8	4	3	1	...	17
3622	Industrial controls.....	303	1	1	1	...	(³)	...	2
3629	Electric industrial goods, nec.....	99	1	1	1	(³)	(³)	...	1
363	Household appliances.....	xxx	18	18	11	(³)	6	(³)	25
3631	Household cooking equipment.....	175	1	1	1	...	(³)	...	1
3632	Household refrigerators.....	926	12	12	6	(³)	5	...	16
3633	Household laundry equipment.....	686	3	3	2	...	(³)	...	4
3634	Electric housewares and fans.....	320	1	1	1	(³)	(³)	...	2
3641	Electric lamps.....	210	1	1	1	(³)	(³)	...	1
3642	Lighting fixtures.....	168	2	2	1	...	1	...	2
3643	Current carrying devices.....	149	2	2	2	(³)	(³)	...	2
3644	Noncurrent carrying devices.....	123	1	1	(³)	...	(³)	...	4
3651	Radios and TV receiving sets.....	731	2	2	1	...	(³)	(³)	3
3652	Phonograph records.....	71	1	1	1	(³)	(³)	...	3
3661	Telephone; telegraph apparatus.....	1,053	15	4	3	(³)	1	11	29
3662	Radio, TV communication goods.....	1,247	11	11	3	9	(³)	(³)	15
3671	Electron tubes, receiving type.....	257	1	1	1	...	(³)	...	4
3672	Cathode ray picture tubes.....	116	1	1	1	...	(³)	...	1
3673	Electron tubes, transmitting.....	146	2	2	1	(³)	1	...	3
3679	Electronic components, nec.....	585	5	5	3	1	1	...	8
369	Electrical products, nec.....	xxx	5	5	4	1	1	...	9
3691	Storage batteries.....	168	2	2	2	...	...	...	2
3694	Engine electrical equipment.....	560	3	3	1	1	1	...	5

See footnotes at end of table.

INDUSTRIAL WATER USE

11-29

Intake and Point of Discharge for Industry Group and Selected Industries: 1959—Continued

water intake of 20 million gallons or more)

Water discharged and treated													Code
Total	Treated prior to discharge	Point of discharge											
		Public utility sewer			Surface water body			Ground, wells, etc.			Transferred to other users		
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated			
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)		
7	(3)	3	(3)	...	4	(3)	2	(3)	...	...	(3)	34
1	(3)	(3)	(3)	...	(3)	(3)	...	(3)	...	...	(3)	344
2	(3)	1	...	...	1	(3)	1	(3)	...	...	...	3441
4	(3)	2	...	...	2	(3)	1	(3)	...	...	...	3442
(3)	(3)	(3)	...	...	(3)	(3)	...	(3)	...	...	...	3443
3	(3)	3	...	1	(3)	(3)	(3)	(3)	...	...	...	3451
8	(3)	6	(3)	1	1	...	(3)	(3)	...	(3)	...	3452	
1	(3)	1	(3)	(3)	(3)	...	(3)	(3)	...	...	...	3461
6	(3)	4	...	(3)	1	(3)	(3)	(3)	...	(3)	...	3481	
1	...	(3)	...	...	(3)	...	...	...	...	...	...	349
1	(3)	(3)	...	...	(3)	...	(3)	(3)	...	...	...	3491
3	(3)	3	...	(3)	1	(3)	...	(3)	...	(3)	...	3493	
165	31	37	5	4	126	11	54	1	(3)	(3)	(3)	35	
77	11	1	...	...	75	5	32	(3)	(3)	...	...	3511
7	1	3	(3)	(3)	4	(3)	1	(3)	(3)	...	...	3519
39	14	9	4	...	30	4	15	(3)	...	...	(3)	3522
6	(3)	3	(3)	(3)	3	2	1	(3)	...	...	...	3531
1	(3)	1	...	(3)	(3)	...	(3)	(3)	...	...	...	3533
4	(3)	3	...	...	2	...	1	(3)	...	...	...	354
1	(3)	1	...	...	(3)	...	(3)	(3)	...	...	...	3541
4	(3)	3	...	...	2	...	1	(3)	...	...	...	3548
5	(3)	2	...	(3)	4	...	(3)	(3)	...	...	...	355
1	...	1	...	...	3	...	...	(3)	...	...	...	3552
8	(3)	5	(3)	(3)	3	(3)	(3)	(3)	...	...	...	356
1	(3)	1	(3)	(3)	(3)	...	...	...	...	...	...	3561
4	(3)	2	(3)	(3)	1	(3)	(3)	(3)	...	...	...	3562
2	(3)	1	(3)	(3)	1	(3)	...	(3)	...	...	...	3566
1	(3)	1	(3)	(3)	(3)	(3)	...	(3)	...	...	...	3569
10	1	6	(3)	2	4	...	4	1	...	...	...	357
9	1	5	(3)	2	4	...	4	1	...	...	...	3571
4	(3)	3	...	(3)	1	...	...	(3)	...	...	...	358
4	(3)	3	...	(3)	1	...	...	(3)	...	...	...	3585
3	1	2	(3)	(3)	(3)	...	(3)	(3)	...	(3)	...	3599	
88	7	41	1	11	47	1	11	1	(3)	(3)	(3)	36	
1	(3)	1	...	(3)	(3)	...	...	(3)	...	...	(3)	3611
9	(3)	2	(3)	(3)	7	...	(3)	(3)	...	...	...	3612
5	(3)	1	(3)	1	4	(3)	(3)	(3)	...	...	...	3613
8	1	4	(3)	1	4	(3)	3	(3)	...	...	...	3621
1	(3)	1	...	(3)	(3)	...	...	(3)	...	...	...	3622
1	(3)	(3)	...	...	1	...	1	...	...	...	...	3629
15	2	8	(3)	3	7	...	...	(3)	5	(3)	...	363
1	(3)	1	...	(3)	(3)	...	...	...	...	...	...	3631
10	1	4	...	(3)	6	...	5	...	...	...	...	3632
3	(3)	2	(3)	(3)	1	(3)	(3)	(3)	...	...	...	3633
1	(3)	1	...	...	(3)	(3)	(3)	(3)	...	...	...	3634
1	(3)	1	...	(3)	(3)	(3)	...	(3)	...	...	...	3641
2	(3)	1	...	(3)	(3)	...	(3)	(3)	...	...	...	3642
2	(3)	2	...	(3)	(3)	...	(3)	(3)	...	...	...	3643
1	(3)	1	...	1	(3)	(3)	(3)	(3)	...	...	...	3644
2	(3)	2	...	(3)	(3)	...	...	...	...	...	...	3651
1	...	(3)	...	...	(3)	...	...	(3)	...	...	...	3652
14	1	3	(3)	2	11	(3)	(3)	(3)	...	...	...	3661
11	(3)	3	...	1	8	(3)	(3)	(3)	...	(3)	...	3662	
1	(3)	1	...	(3)	(3)	...	(3)	...	...	...	...	3671
1	(3)	(3)	...	(3)	(3)	...	...	(3)	...	...	...	3672
2	(3)	1	...	(3)	1	(3)	1	(3)	...	(3)	(3)	3673	
5	(3)	3	(3)	1	2	(3)	1	(3)	(3)	(3)	...	3679	
5	(3)	4	(3)	1	1	...	(3)	(3)	...	...	...	369
1	(3)	1	(3)	(3)	(3)	...	...	(3)	...	...	...	3691
3	(3)	2	...	(3)	(3)	...	(3)	(3)	...	...	...	3694

MANUFACTURES—SUMMARY STATISTICS

Table 3.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1959

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Gross water used, including recirculation, or reuse (billion gallons)
			Total (billion gallons)	Fresh				Brackish ¹ (billion gallons)	
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)		
37	Transportation equipment.....	xxx	260	203	118	60	25	56	522
371	Motor vehicles and equipment.....	xxx	125	125	60	56	9	(³)	297
3717	Motor vehicles and parts.....	xxx	125	125	60	56	9	(³)	297
3721	Aircraft.....	5,250	14	14	10	1	3	(³)	50
3722	Aircraft engines and parts.....	2,589	76	40	31	(³)	8	(³)	96
3729	Aircraft equipment, nec.....	2,288	12	12	9	(³)	3	(³)	29
373	Ships and boats.....	xxx	23	6	4	1	1	17	32
3741	Locomotives and parts.....	427	2	2	1	1	(³)	...	8
3742	Railroad and street cars.....	400	6	3	1	1	1	2	7
3751	Motorcycles, bicycles and parts.....	99	1	1	1	...	(³)	...	1
38	Instruments and related products.....	xxx	23	23	7	11	5	(³)	60
3811	Scientific instruments.....	606	2	2	1	(³)	(³)	...	5
3821	Mechanical measuring devices.....	308	1	1	(³)	...	(³)	...	1
3822	Automatic temperature controls.....	288	3	3	2	1	1	...	3
384	Medical instruments and supplies.....	xxx	1	1	1	(³)	(³)	(³)	2
3842	Surgical appliances and supplies.....	188	1	1	1	(³)	(³)	(³)	1
3861	Photographic equipment.....	950	11	11	1	7	3	...	45
3871	Watches and clocks.....	220	1	1	(³)	(³)	(³)	...	1
39	Miscellaneous manufacturing.....	xxx	14	13	7	5	2	(³)	20
391	Jewelry and silverware.....	xxx	5	5	1	4	(³)	...	5
3941	Games and toys, nec.....	74	1	1	(³)	...	1	...	1
3949	Sporting and athletic goods, nec.....	123	4	4	3	(³)	1	...	5
395	Office supplies.....	xxx	1	1	(³)	(³)	1	...	1
396	Costume jewelry and notions.....	xxx	1	1	(³)	1	(³)	...	1
398	Miscellaneous manufactures.....	xxx	2	2	1	1	(³)	(³)	6
3982	Hard surface floor coverings.....	141	1	1	1	1	(³)	...	6
19--	Ordnance and ammunition.....	xxx	12	12	7	1	3	(³)	37

Note: Detail figures may not add to totals because of independent rounding.

¹Containing more than 1,000 parts per million of dissolved solids.

INDUSTRIAL WATER USE

11-31

Intake and Point of Discharge for Industry Group and Selected Industries: 1959-Continued

water intake of 20 million gallons or more)

Total (billion gallons)	Treated prior to discharge (billion gallons)	Water discharged and treated										Code
		Point of discharge										
		Public utility sewer			Surface water body			Ground, wells, etc.			Trans- ferred to other users (billion gallons)	
		Total ² (billion gallons)	Part treated (billion gallons)	All treated (billion gallons)	Total ² (billion gallons)	Part treated (billion gallons)	All treated (billion gallons)	Total ² (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)		
229	22	83	3	16	142	6	59	4	(³)	2	1	37
119	15	54	1	12	64	5	51	(³)	(³)	(³)	(³)	371
118	15	54	1	12	64	5	51	(³)	(³)	(³)	(³)	3717
13	2	8	1	2	3	(³)	1	2	...	2	...	3721
54	2	6	(³)	1	48	(³)	3	1	(³)	(³)	...	3722
11	2	6	(³)	(³)	4	...	3	1	...	(³)	(³)	3729
23	(³)	2	...	(³)	20	(³)	1	(³)	...	...	(³)	373
1	1	(³)	(³)	(³)	1	(³)	(³)	(³)	...	...	...	3741
6	(³)	5	...	(³)	1	(³)	...	...	...	...	...	3742
1	(³)	1	...	(³)	(³)	...	...	...	...	...	...	3751
22	7	9	(³)	1	13	6	(³)	(³)	(³)	(³)	...	38
2	(³)	1	(³)	(³)	(³)	...	(³)	(³)	...	...	...	3811
1	(³)	(³)	...	(³)	(³)	...	(³)	(³)	(³)	...	...	3821
3	(³)	2	(³)	(³)	1	...	...	(³)	...	...	...	3822
1	(³)	1	...	(³)	(³)	(³)	...	(³)	...	...	...	384
1	(³)	1	...	(³)	(³)	(³)	...	(³)	...	...	...	3842
10	6	4	...	...	7	6	...	(³)	...	(³)	...	3861
1	(³)	(³)	(³)	(³)	1	...	(³)	(³)	...	(³)	...	3871
13	1	7	(³)	1	6	(³)	1	(³)	...	...	(³)	39
4	1	1	(³)	1	3	...	1	...	...	...	...	391
1	(³)	1	...	(³)	...	...	...	(³)	...	...	(³)	3941
3	(³)	4	...	...	(³)	...	...	(³)	...	...	(³)	3949
1	...	1	...	...	(³)	...	...	...	...	...	...	395
1	...	(³)	...	...	1	...	...	(³)	...	...	...	396
2	...	1	...	...	1	...	...	(³)	...	...	...	398
1	...	1	...	...	1	...	...	(³)	...	...	...	3982
10	2	6	(³)	2	3	1	1	1	...	(³)	(³)	19--

²Includes quantities not treated or for which no information on treatment reported.³Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Represents data for establishments with a

Code	Water use region, industry group, and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				Total (billion gallons)	Treated prior to use (billion gallons)				
	United States, total ⁴	xxx	xxx	12,175	1,921	3,137	2,499	5,618	922
	NEW ENGLAND REGION.....	498,475	5,152	556	142	263	77	166	51
20	Food and kindred products.....	20,627	221	19	1	3	1	12	2
22	Textile mill products.....	44,212	407	28	7	19	3	2	4
23	Apparel and related products.....	1,463	9	7	1	7	(5)	(5)	(5)
26	Paper and allied products.....	39,738	515	243	122	180	25	14	24
28	Chemicals and allied products.....	13,168	235	45	2	9	7	28	2
29	Petroleum and coal products.....	1,193	15	13	(5)	...	...	12	...
30	Rubber and plastics products, nec.....	37,078	363	24	1	2	2	18	3
31	Leather and leather products.....	5,080	39	4	(5)	3	(5)	(5)	(5)
32	Stone, clay and glass products.....	8,733	106	4	(5)	1	...	1	2
33	Primary metal industries.....	38,691	419	35	4	13	6	13	4
34	Fabricated metal products.....	31,629	317	5	(5)	2	1	2	1
35	Machinery, except electrical.....	63,307	563	33	1	2	20	8	2
36	Electrical machinery.....	53,744	506	14	(5)	3	6	3	2
37	Transportation equipment.....	82,882	811	68	1	15	...	51	1
38	Instruments and related products.....	15,388	192	5	(5)	1	3	1	1
39	Miscellaneous manufactures, incl. Ordnance.	32,991	355	10	1	5	2	2	1
	Selected industries								
2261	Finishing plants, cotton.....	7,143	42	10	2	9	(5)	(5)	1
2611	Pulp mills.....	1,877	19	36	11	27	1	5	3
2621	Paper mills, except building.....	27,137	386	185	106	137	24	6	18
2631	Paperboard mills.....	3,058	32	11	1	9	(5)	(5)	1
3069	Fabricated rubber products, nec.....	17,733	163	16	(5)	1	1	14	1
3351	Copper rolling and drawing.....	12,617	152	15	2	6	4	5	1
3722	Aircraft engines and parts.....	37,745	(D)	66	1	15	...	51	(5)
	DELAWARE AND HUDSON REGION.....	834,502	10,731	1,276	123	182	262	747	87
20	Food and kindred products.....	90,666	1,305	75	9	14	1	50	10
22	Textile mill products.....	26,125	198	16	6	9	6	1	1
23	Apparel and related products.....	5,622	52	1	(5)	(5)	...	(5)	(5)
26	Paper and allied products.....	29,986	391	171	27	60	99	7	5
27	Printing and publishing.....	40,336	436	2	1	(5)	...	1	1
28	Chemicals and allied products.....	90,031	2,173	244	41	21	19	183	21
29	Petroleum and coal products.....	20,647	343	342	18	22	1	307	12
30	Rubber and plastics products, nec.....	21,530	246	8	1	2	(5)	4	1
31	Leather and leather products.....	2,844	24	2	(5)	1	(5)	(5)	(5)
32	Stone, clay and glass products.....	31,191	385	48	2	11	28	7	4
33	Primary metal industries.....	79,883	953	259	14	31	73	142	14
34	Fabricated metal products.....	40,815	433	5	(5)	2	...	2	1
35	Machinery, except electrical.....	58,257	637	55	1	2	19	29	4
36	Electrical machinery.....	101,702	989	29	1	2	18	5	4
37	Transportation equipment.....	107,910	1,335	11	1	2	(5)	5	4
38	Instruments and related products.....	36,980	383	2	(5)	(5)	(5)	1	1
39	Miscellaneous manufactures, incl. ordnance.	38,534	393	5	(5)	1	(5)	2	1
	Selected industries								
2062	Cane sugar refining.....	6,849	77	25	2	2	(5)	22	1
2621	Paper mills, except building.....	8,487	110	112	20	40	66	3	3
2631	Paperboard mills.....	5,281	71	46	3	13	30	2	1
2813	Industrial gases.....	663	16	13	(5)	(5)	...	13	(5)
2815	Intermediate coal tar products.....	10,781	168	41	6	3	(5)	34	4
2816	Inorganic pigments.....	4,696	134	40	12	3	6	26	4
2818	Organic chemicals, nec.....	14,537	248	69	6	6	(5)	57	6
2819	Inorganic chemicals, nec.....	3,668	62	19	1	1	(5)	17	1
2821	Plastics materials.....	13,154	221	22	12	3	(5)	17	2
2911	Petroleum refining.....	19,567	330	342	18	21	1	307	12
3241	Cement, hydraulic.....	5,010	81	32	1	2	25	3	2
3312	Blast furnaces and steel mills.....	38,222	511	210	12	22	56	121	11
3331	Primary copper.....	5,103	43	22	(5)	3	10	9	1
3511	Steam engines and turbines.....	17,984	203	48	(5)	2	19	24	3
	CHESAPEAKE BAY REGION.....	329,563	3,944	599	104	143	118	300	37
20	Food and kindred products.....	36,378	418	27	1	5	4	15	3
21	Tobacco products.....	9,148	254	1	(5)	(5)	(5)	(5)	(5)
22	Textile mill products.....	10,928	89	3	1	2	(5)	1	1
26	Paper and allied products.....	14,084	191	120	36	60	38	17	5
28	Chemicals and allied products.....	29,993	517	173	31	38	22	102	10
29	Petroleum and coal products.....	1,183	31	35	1	(5)	(5)	34	1
30	Rubber and plastics products, nec.....	10,687	94	7	1	3	1	3	1

See footnotes at end of table.

INDUSTRIAL WATER USE

11-33

Purpose of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954

water intake of 20 million gallons or more)

1959--Continued				1954 ¹					Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million gallons)	
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water use, including recirculation and reuse (billion gallons)	Discharged (billion gallons)			
7,720	5,519	26,621	11,449	11,570	21,042	10,789	xxx	xxx	
628	394	843	494	583	867	523	528,313	3,868	
64	36	23	18	18	22	17	18,271	137	20
85	32	31	25	57	63	39	73,525	389	22
3	3	7	7	...	...	...	...	...	23
111	90	475	214	240	468	212	38,213	313	26
32	20	54	42	38	46	34	13,373	186	28
6	4	13	13	9	9	8	1,088	12	29
49	38	34	23	25	32	23	40,192	294	30
15	5	4	3	...	...	...	...	...	31
11	8	5	4	...	...	...	...	...	32
65	42	44	35	52	46	57	33,990	282	33
36	21	6	5	...	...	...	...	...	34
38	24	38	30	...	...	...	...	...	35
37	20	22	14	...	...	...	...	...	36
23	14	69	47	72	78	72	69,359	548	37
12	10	6	5	...	...	...	...	...	38
32	17	11	9	16	18	14	44,885	283	39
14	5	11	9	(NA)	(NA)	(NA)	(NA)	(NA)	2261
6	5	56	36	(NA)	(NA)	(NA)	(NA)	(NA)	2611
64	54	354	158	(NA)	(NA)	(NA)	(NA)	(NA)	2621
20	17	41	10	(NA)	(NA)	(NA)	(NA)	(NA)	2631
33	28	24	16	9	9	11	18,390	130	3069
17	11	21	15	(NA)	(NA)	(NA)	(NA)	(NA)	3351
10	7	66	45	71	74	71	40,849	297	3722
952	685	2,450	1,215	1,143	2,018	1,085	924,689	8,411	
183	114	386	68	79	388	71	102,577	1,101	20
51	29	19	14	34	34	29	53,929	332	22
4	4	1	1	...	...	...	...	...	23
100	82	362	165	154	316	159	26,243	253	26
23	18	24	2	...	...	...	...	...	27
162	129	368	227	215	302	204	96,716	1,387	28
17	14	748	332	247	467	236	25,685	251	29
35	28	13	7	...	...	...	...	...	30
9	7	2	2	...	...	...	...	...	31
64	37	72	46	41	72	38	28,143	258	32
90	69	308	245	267	302	255	91,554	727	33
48	30	8	5	...	...	...	...	...	34
33	22	61	54	50	59	52	178,992	1,397	35
57	43	33	29	16	26	16	142,085	1,302	36
37	27	34	10	...	...	...	...	...	37
15	13	4	2	...	...	...	...	...	38
17	15	6	5	...	...	...	...	...	39
7	7	28	23	18	19	17	6,185	49	2062
32	29	190	110	(NA)	(NA)	(NA)	(NA)	(NA)	2621
31	29	149	42	(NA)	(NA)	(NA)	(NA)	(NA)	2631
12	9	16	13	11	12	11	559	6	2813
13	11	64	41	22	35	21	8,724	89	2815
10	7	50	38	29	40	28	5,711	113	2816
24	17	81	60	55	65	53	14,114	199	2818
17	13	21	19	...	...	...	...	...	2819
19	17	70	21	17	26	17	10,937	155	2821
13	11	747	332	248	465	239	22,550	233	2911
19	8	44	30	25	40	23	5,308	64	3241
18	16	245	198	210	235	201	43,509	313	3312
6	6	29	21	25	30	25	5,169	43	3331
5	3	48	48	(NA)	(NA)	(NA)	(NA)	(NA)	3511
391	273	1,469	564	546	865	514	344,761	2,997	
102	76	41	25	34	51	31	36,646	264	20
5	5	3	(5)	...	...	...	...	...	21
18	9	4	3	...	...	...	...	...	22
31	28	750	104	107	220	99	13,239	128	26
54	33	261	167	143	263	139	29,368	357	28
7	5	36	34	(D)	(D)	(D)	(D)	(D)	29
15	13	10	6	...	...	...	...	...	30

MANUFACTURES—SUMMARY STATISTICS

Table 4.--Quantity of Water Used and Discharged by Manufacturing Establishments, by Purpose

(Represents data for establishments with a

Code	Water use region, industry group, and industry	1959							
		All employees, total	Value added by manufacture ²	Water intake by purpose					
				All purposes		Process	Steam electric generating	Other cooling and condensing	Boiler feed, etc.
				Total	Treated prior to use				
(number)	(million dollars)	(million gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)		
CHESAPEAKE BAY REGION--Continued									
31	Leather and leather products.....	2,809	20	2	(5)	2	(5)	(5)	(5)
32	Stone, clay and glass products.....	20,882	254	11	4	2	2	5	3
33	Primary metal industries.....	49,007	567	197	28	28	51	113	5
34	Fabricated metal products.....	11,628	136	1	(5)	(5)	...	1	(5)
35	Machinery, except electrical.....	21,946	204	3	(5)	1	(5)	2	1
36	Electrical machinery.....	17,531	158	2	(5)	1	...	1	(5)
37	Transportation equipment.....	64,177	697	12	1	1	(5)	5	5
38	Instruments and related products.....	10,139	103	3	(5)	1	(5)	2	(5)
39	Miscellaneous manufactures, incl. ordnance.	9,733	129	1	(5)	(5)	...	1	(5)
Selected industries									
2621	Paper mills, except building.....	8,109	93	56	17	28	19	6	2
2631	Paperboard mills.....	4,659	85	49	14	24	13	11	2
2816	Inorganic pigments.....	1,265	24	11	7	2	...	7	1
2819	Inorganic chemicals, nec.....	3,815	56	67	8	27	12	26	1
2823	Cellulosic man-made fibers.....	10,775	120	49	12	6	8	30	5
EASTERN GREAT LAKES-ST LAWRENCE REGION.		845,176	10,766	1,384	136	341	282	593	168
20	Food and kindred products.....	40,544	561	18	2	7	...	7	4
22	Textile mill products.....	4,262	31	5	(5)	(5)	1	3	(5)
26	Paper and allied products.....	20,732	196	92	48	76	8	4	4
28	Chemicals and allied products.....	43,901	727	320	47	19	46	212	44
29	Petroleum and coal products.....	5,221	131	68	4	(5)	...	64	4
30	Rubber and plastics products, nec.....	56,105	604	51	3	8	24	13	6
32	Stone, clay and glass products.....	20,977	337	29	(5)	6	14	4	5
33	Primary metal industries.....	119,066	1,620	677	14	189	187	266	35
34	Fabricated metal products.....	38,679	370	6	(5)	3	(5)	2	1
35	Machinery, except electrical.....	78,318	917	6	(5)	2	(5)	2	3
36	Electrical machinery.....	74,049	871	8	(5)	3	...	2	2
37	Transportation equipment.....	275,344	3,578	93	8	21	(5)	16	57
38	Instruments and related products.....	37,856	575	8	7	6	(5)	(5)	2
39	Miscellaneous manufactures, incl. ordnance.	13,822	130	1	(5)	(5)	...	(5)	(5)
Selected industries									
2621	Paper mills, except building.....	9,910	95	63	41	54	7	1	1
2631	Paperboard mills.....	2,545	26	18	2	12	1	2	2
2812	Alkalies and chlorine.....	10,256	128	157	8	9	30	107	11
2818	Organic chemicals, nec.....	2,646	61	21	15	(5)	...	20	1
2819	Inorganic chemicals, nec.....	8,048	123	88	6	2	13	51	22
2821	Plastics materials.....	5,059	99	10	6	2	...	7	1
2911	Petroleum refining.....	4,823	127	68	4	(5)	...	64	4
3011	Tires and inner tubes.....	39,490	453	43	1	7	24	7	5
3312	Blast furnaces and steel mills.....	66,827	1,000	573	11	162	151	240	20
3717	Motor vehicles and parts.....	229,548	3,173	89	8	20	(5)	13	55
OHIO REGION.....		946,175	12,172	2,147	348	385	415	1,120	127
20	Food and kindred products.....	54,596	779	46	10	11	(5)	27	7
21	Tobacco products.....	8,863	197	1	(5)	(5)	...	(5)	1
22	Textile mill products.....	2,947	28	1	(5)	(5)	(5)	(5)	(5)
24	Lumber and wood products.....	483	(5)	1	(5)	(5)	(5)	(5)	(5)
26	Paper and allied products.....	18,078	220	57	20	33	18	4	2
27	Printing and publishing.....	14,797	146	2	(5)	1	...	(5)	(5)
28	Chemicals and allied products.....	59,213	1,321	605	40	19	31	533	22
29	Petroleum and coal products.....	7,728	137	47	7	4	(5)	38	5
30	Rubber and plastics products, nec.....	25,683	284	8	2	1	...	5	3
31	Leather and leather products.....	3,793	27	1	(5)	1	(5)	(5)	(5)
32	Stone, clay and glass products.....	63,930	695	23	7	7	4	9	3
33	Primary metal industries.....	268,213	3,308	1,290	250	288	352	581	71
34	Fabricated metal products.....	55,685	534	8	1	3	(5)	3	2
35	Machinery, except electrical.....	84,607	989	17	1	3	7	4	2
36	Electrical machinery.....	145,931	1,726	26	3	10	3	10	3
37	Transportation equipment.....	118,120	1,561	14	6	4	...	5	5
39	Miscellaneous manufactures, incl. ordnance.	5,115	40	1	(5)	(5)	...	(5)	(5)
Selected industries									
2011	Meat packing plants.....	14,081	189	111	1	4	(5)	6	1
2085	Distilled liquor, except brandy.....	12,716	292	16	5	1	(5)	13	2
2621	Paper mills, except building.....	10,215	131	38	15	21	14	2	1
2631	Paperboard mills.....	2,867	38	12	2	8	3	1	1
2813	Industrial gases.....	743	20	55	1	(5)	6	48	(5)
2815	Intermediate coal tar products.....	5,017	100	37	1	2	...	34	1
2818	Organic chemicals, nec.....	12,773	325	300	12	2	(5)	287	10

See footnotes at end of table.

of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954--Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹						
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)	Code	
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water use, including recirculation or reuse (billion gallons)	Discharged (billion gallons)				
10	4	2	2	...	...	...	...	...	31
35	23	27	10	14	28	13	15,751	140	32	
29	22	295	190	(D)	(D)	(D)	(D)	(D)	33	
19	9	2	1	...	...	...	...	...	34
12	10	5	3	...	...	...	...	...	35
12	9	4	2	...	...	...	...	...	36
21	12	16	11	...	...	...	...	...	37
7	4	7	3	...	...	...	...	...	38
5	4	5	1	...	...	...	...	...	39
13	13	623	54	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
13	11	104	37	(NA)	(NA)	(NA)	(NA)	(NA)	2631	
4	2	11	10	...	...	...	...	...	2816
8	5	69	67	...	...	...	...	...	2819
6	6	126	47	(NA)	(NA)	(NA)	(NA)	(NA)	2823	
849	626	2,212	1,303	1,530	2,302	1,480	1,018,159	8,848		
146	108	34	16	27	56	23	36,779	371	20	
9	7	6	5	...	...	...	...	...	22
59	55	216	87	201	314	194	19,930	166	26	
100	72	409	281	374	604	365	47,199	590	28	
13	12	152	63	60	170	53	6,604	104	29	
39	28	92	48	55	76	55	59,771	408	30	
40	27	195	26	30	187	28	24,406	251	32	
106	69	864	659	636	701	623	136,679	1,285	33	
58	31	8	6	47	51	43	53,959	449	34	
49	37	19	6	(NA)	(NA)	(NA)	(NA)	(NA)	35	
61	50	22	7	(NA)	(NA)	(NA)	(NA)	(NA)	36	
132	103	153	90	66	89	59	367,677	2,992	37	
10	7	38	7	...	...	...	...	...	38
8	5	1	1	...	...	...	...	...	39
24	23	136	60	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
19	19	37	16	(NA)	(NA)	(NA)	(NA)	(NA)	2631	
7	6	180	125	172	202	168	11,495	112	2812	
9	6	35	21	28	28	27	4,858	61	2818	
19	14	102	84	(D)	(D)	(D)	(D)	(D)	2819	
15	13	25	10	...	...	...	...	...	2821
11	11	150	63	59	168	53	5,732	96	2911	
12	9	79	40	43	62	43	36,869	250	3011	
31	24	748	558	543	589	534	72,668	752	3312	
101	82	141	86	44	68	42	293,785	2,434	3717	
987	683	3,258	2,064	2,168	3,014	2,073	1,023,601	9,134		
151	115	79	42	48	77	40	63,504	679	20	
6	5	2	(5)	...	...	...	...	...	21
5	4	1	1	...	...	...	...	...	22
3	3	3	1	...	...	...	...	...	24
56	49	165	52	54	148	50	17,734	171	26	
11	7	2	2	...	...	...	...	...	27
121	87	863	590	539	754	527	68,582	936	28	
26	23	198	38	58	160	48	8,779	108	29	
36	26	15	7	...	...	...	...	...	30
9	3	1	1	...	...	...	...	...	31
97	50	53	21	24	62	21	60,474	427	32	
186	132	1,749	1,249	1,346	1,681	1,303	294,873	2,479	33	
82	47	11	7	16	18	16	69,767	540	34	
49	34	26	16	...	...	...	...	...	35
68	45	51	24	43	55	36	243,566	2,062	36	
67	47	39	12	18	26	16	120,299	1,097	37	
5	3	1	1	(NA)	(NA)	(NA)	(NA)	(NA)	39	
22	16	16	11	...	...	...	...	...	2011
32	29	25	14	...	...	...	...	...	2085
21	21	72	34	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
18	18	80	10	(NA)	(NA)	(NA)	(NA)	(NA)	2631	
14	5	56	54	...	...	...	...	...	2813
13	11	52	36	25	27	24	4,250	50	2815	
15	13	380	294	248	297	245	14,691	227	2818	

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Represents data for establishments with a

Code	Water use region, industry group, and industry	1959							
		All employees, total	Value added by manufacture ²	Water intake by purpose					
				All purposes		Process	Steam electric generating	Other cooling and condensing	Boiler feed, etc.
				Total	Treated prior to use				
		(number)	(million dollars)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
OHIO REGION--Continued									
Selected industries--Continued									
2819	Inorganic chemicals, nec.....	3,441	63	55	2	3	9	42	2
2821	Plastics materials.....	5,979	164	12	6	1	(5)	8	2
2911	Petroleum refining.....	6,494	117	44	7	2	(5)	38	4
3312	Blast furnaces and steel mills.....	199,936	2,519	1,092	243	276	226	529	62
3632	Household refrigerators.....	29,820	293	10	(5)	4	...	5	1
TENNESSEE REGION.....		102,716	1,170	282	75	72	33	158	18
20	Food and kindred products.....	4,098	39	2	(5)	1	...	1	1
22	Textile mill products.....	21,713	127	7	5	6	(5)	(5)	1
26	Paper and allied products.....	8,086	102	73	45	40	23	3	6
28	Chemicals and allied products.....	28,133	435	182	23	21	10	143	8
30	Rubber and plastics products, nec.....	2,475	29	5	(5)	2	...	3	(5)
32	Stone, clay and glass products.....	3,604	44	1	(5)	1	(5)	(5)	(5)
33	Primary metal industries.....	13,500	199	10	2	1	...	8	1
34	Fabricated metal products.....	6,764	41	1	(5)	(5)	...	(5)	1
36	Electrical machinery.....	3,033	55	1	...	(5)	...	(5)	(5)
Selected industries									
2621	Paper mills, except building.....	6,904	83	68	42	37	23	2	5
2819	Inorganic chemicals, nec.....	1,928	52	24	(5)	5	...	19	1
2823	Cellulosic man-made fibers.....	13,751	134	52	15	11	5	33	2
SOUTHEAST REGION.....		530,342	5,563	853	259	351	174	259	69
20	Food and kindred products.....	36,283	408	39	2	7	(5)	28	4
21	Tobacco products.....	21,697	669	2	(5)	1	(5)	(5)	2
22	Textile mill products.....	250,110	1,520	72	47	52	4	5	11
23	Apparel and related products.....	2,499	22	1	(5)	1	...	(5)	(5)
24	Lumber and wood products.....	4,047	17	3	1	(5)	1	1	1
25	Furniture and fixtures.....	9,756	70	1	(5)	(5)	(5)	(5)	(5)
26	Paper and allied products.....	42,438	668	480	186	247	127	78	28
28	Chemicals and allied products.....	30,173	686	143	16	19	20	96	8
29	Petroleum and coal products.....	387	7	2	(5)	(5)	...	2	(5)
30	Rubber and plastics products, nec.....	6,032	102	1	1	1	...	4	1
32	Stone, clay and glass products.....	9,999	141	16	1	4	10	2	(5)
33	Primary metal industries.....	33,025	391	73	3	17	13	34	10
34	Fabricated metal products.....	8,035	79	2	(5)	(5)	(5)	(5)	1
36	Electrical machinery.....	12,671	161	1	(5)	(5)	(5)	(5)	(5)
37	Transportation equipment.....	43,537	416	10	1	1	...	8	1
Selected industries									
2037	Frozen fruits and vegetables.....	4,111	63	21	(5)	2	...	18	1
2211	Weaving mills, cotton.....	130,868	741	23	13	12	2	(5)	6
2261	Finishing plants, cotton.....	24,966	161	28	24	24	1	(5)	2
2611	Pulp mills.....	3,786	79	84	51	65	14	2	3
2621	Paper mills, except building.....	12,295	215	188	57	84	74	23	6
2631	Paperboard mills.....	15,719	259	203	77	95	38	52	18
2861	Gum and wood chemicals.....	3,231	55	23	1	1	1	20	1
2871	Fertilizers.....	3,772	50	30	(5)	10	5	15	1
3241	Cement, hydraulic.....	2,994	64	15	(5)	3	10	2	(5)
3312	Blast furnaces and steel mills.....	21,742	280	69	2	15	13	32	9
WESTERN GREAT LAKES REGION.....		782,183	10,052	1,419	123	369	325	623	102
20	Food and kindred products.....	65,984	1,048	55	6	17	4	25	9
22	Textile mill products.....	3,517	26	1	(5)	(5)	...	(5)	(5)
26	Paper and allied products.....	34,958	412	154	55	94	41	11	8
27	Printing and publishing.....	62,652	264	7	(5)	3	(5)	3	1
28	Chemicals and allied products.....	39,311	1,057	171	16	16	6	137	11
29	Petroleum and coal products.....	12,798	200	166	2	26	1	136	4
30	Rubber and plastics products, nec.....	15,696	161	6	1	1	(5)	4	1
31	Leather and leather products.....	7,509	58	3	(5)	2	(5)	(5)	(5)
32	Stone, clay and glass products.....	11,775	158	77	1	3	62	10	2
33	Primary metal industries.....	134,804	1,602	715	30	189	199	280	47
34	Fabricated metal products.....	80,812	862	11	1	5	1	3	3
35	Machinery, except electrical.....	79,845	879	22	5	2	8	4	7
36	Electrical machinery.....	75,458	850	6	1	3	(5)	2	2
37	Transportation equipment.....	161,497	2,125	23	4	8	3	6	6
38	Instruments and related products.....	19,630	217	1	(5)	1	(5)	(5)	(5)
Selected industries									
2082	Malt liquors.....	10,235	171	11	2	3	4	2	3
2621	Paper mills, except building.....	13,270	171	101	36	63	26	7	4
2631	Paperboard mills.....	4,727	58	31	9	18	11	1	2

See footnotes at end of table.

INDUSTRIAL WATER USE

11-37

Purpose of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954-Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹						
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (bi (number))	Value added by manufacture ² (million dollars)	Code	
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water use, including recirculation or reuse (billion gallons)	Discharged (billion gallons)				
20	13	124	53	...	...	...	...	...	2819
13	9	15	11	...	...	...	...	...	2821
23	21	193	38	47	129	38	7,092	89	2911	
84	65	1,495	1,055	1,196	1,511	1,153	223,750	1,919	3312	
5	4	14	8	(NA)	(NA)	(NA)	(NA)	(NA)	3632	
133	93	639	273	230	351	214	90,229	679		
19	14	5	2	...	...	...	...	...	20
27	15	7	6	...	...	...	...	...	22
10	10	235	70	47	72	45	7,241	73	26	
28	21	233	178	153	194	143	23,965	229	28	
5	5	124	4	...	...	...	...	...	30
11	3	1	1	...	...	...	...	...	32
12	10	30	9	11	24	10	13,297	124	33	
6	4	1	1	...	...	...	...	...	34
4	4	1	(5)	...	...	...	...	...	36
4	4	225	66	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
6	5	35	23	(D)	(D)	(D)	(D)	(D)	2819	
5	4	60	51	(NA)	(NA)	(NA)	(NA)	(NA)	2823	
713	490	2,240	785	649	1,402	565	481,433	3,422		
131	88	65	37	42	66	37	32,887	297	20	
8	7	39	1	...	...	...	...	...	21
281	183	110	64	71	89	59	260,704	1,082	22	
5	2	1	1	...	...	...	...	...	23
14	7	4	2	...	...	...	...	...	24
8	7	1	1	...	...	...	...	...	25
56	51	1,434	467	338	815	288	33,544	417	26	
78	53	266	124	99	142	91	25,500	354	28	
4	4	2	2	2	2	1	534	9	29	
6	3	8	6	...	...	...	...	...	30
35	22	26	9	...	...	...	...	...	32
36	30	240	58	73	246	67	32,895	321	33	
14	6	3	2	...	...	...	...	...	34
11	9	2	1	...	...	...	...	...	36
16	12	31	10	...	...	...	...	...	37
17	15	26	21	(NA)	(NA)	(NA)	(NA)	(NA)	2037	
114	78	37	20	31	39	26	155,071	594	2211	
27	17	35	26	(NA)	(NA)	(NA)	(NA)	(NA)	2261	
7	6	374	83	(NA)	(NA)	(NA)	(NA)	(NA)	2611	
10	9	489	185	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
23	22	559	197	(NA)	(NA)	(NA)	(NA)	(NA)	2631	
11	8	38	21	(NA)	(NA)	(NA)	(NA)	(NA)	2861	
18	9	53	24	19	23	16	3,906	29	2871	
15	11	20	8	(NA)	(NA)	(NA)	(NA)	(NA)	3241	
18	16	231	54	71	239	55	24,143	251	3312	
849	593	2,457	1,378	1,503	2,015	1,451	931,958	8,492		
158	112	92	51	70	91	63	94,965	1,004	20	
9	6	1	1	...	...	...	...	...	22
90	77	453	145	144	273	128	27,327	269	26	
14	5	9	7	...	...	...	...	...	27
83	58	238	163	161	245	153	41,323	612	28	
20	14	332	161	141	257	142	15,464	180	29	
24	18	8	6	...	...	...	...	...	30
12	8	3	3	...	...	...	...	...	31
26	16	79	73	61	67	60	11,492	111	32	
103	68	1,104	708	827	953	811	144,604	1,294	33	
106	67	20	10	13	18	12	83,761	651	34	
56	40	30	22	...	...	...	...	...	35
44	30	13	6	29	29	28	213,378	2,388	36	
79	53	71	22	34	52	32	190,829	1,773	37	
9	8	2	1	...	...	...	...	...	38
14	10	24	11	...	...	...	...	...	2082
37	36	295	94	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
17	17	65	30	(NA)	(NA)	(NA)	(NA)	(NA)	2631	

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Represents data for establishments with a

Code	Water use region, industry group, and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				Total (billion gallons)	Treated prior to use (billion gallons)				
WESTERN GREAT LAKES REGION--Continued Selected industries--Continued									
2818	Organic chemicals, nec.....	7,097	146	72	2	2	3	63	5
2819	Inorganic chemicals, nec.....	2,843	61	27	2	4	2	20	1
2841	Soap and other detergents.....	3,051	102	10	(5)	(5)	...	9	1
2911	Petroleum refining.....	11,073	181	164	2	25	...	136	4
3241	Cement, hydraulic.....	3,713	50	72	1	(5)	62	9	1
3312	Blast furnaces and steel mills.....	76,776	1,009	694	28	181	199	271	43
3522	Farm machinery and equipment.....	15,494	144	13	4	(5)	6	1	5
3717	Motor vehicles and parts.....	133,340	1,834	17	3	7	(5)	4	5
UPPER MISSISSIPPI REGION.....		471,255	6,719	441	82	155	103	135	48
20	Food and kindred products.....	86,900	1,172	98	17	19	7	57	15
24	Lumber and wood products.....	3,691	29	1	(5)	(5)	1	(5)	(5)
26	Paper and allied products.....	21,327	278	102	32	65	22	10	6
27	Printing and publishing.....	12,295	121	1	(5)	(5)	...	(5)	(5)
28	Chemicals and allied products.....	18,156	413	40	8	10	3	24	4
29	Petroleum and coal products.....	6,647	114	15	6	1	...	11	3
30	Rubber and plastics products, nec.....	8,068	129	4	1	1	...	3	1
32	Stone, clay and glass products.....	24,524	352	42	3	7	25	4	5
33	Primary metal industries.....	32,058	382	87	7	42	25	16	3
34	Fabricated metal products.....	22,698	262	3	(5)	2	(5)	1	(5)
35	Machinery, except electrical.....	101,848	1,102	32	4	3	19	6	4
36	Electrical machinery.....	43,770	443	5	(5)	2	...	1	2
37	Transportation equipment.....	49,946	605	6	1	1	...	2	3
38	Instruments and related products.....	22,522	236	2	1	(5)	1	(5)	1
39	Miscellaneous manufactures, incl. ordnance.	13,588	1,057	2	1	1	(5)	1	1
Selected industries									
2011	Meat packing plants.....	46,452	500	26	6	10	1	10	4
2046	Wet corn milling.....	7,083	129	26	4	2	4	17	2
2621	Paper mills, except building.....	12,836	147	78	22	48	19	7	4
2631	Paperboard mills.....	3,404	52	21	9	15	3	2	1
2911	Petroleum refining.....	6,109	108	15	6	1	...	11	3
3241	Cement, hydraulic.....	3,074	66	20	1	2	15	2	(5)
3312	Blast furnaces and steel mills.....	13,974	183	61	(5)	38	15	6	2
3522	Farm machinery and equipment.....	38,247	445	24	2	1	19	2	2
LOWER MISSISSIPPI REGION.....		67,418	1,011	438	44	46	158	214	19
20	Food and kindred products.....	11,096	144	32	2	3	(5)	27	2
22	Textile mill products.....	5,273	39	1	(5)	1	(5)	(5)	(5)
24	Lumber and wood products.....	2,799	14	1	(5)	(5)	(5)	(5)	(5)
26	Paper and allied products.....	6,998	106	32	26	27	2	1	2
28	Chemicals and allied products.....	13,149	315	120	11	9	18	88	5
29	Petroleum and coal products.....	8,992	135	99	3	2	(5)	94	3
30	Rubber and plastics products, nec.....	4,789	58	3	(5)	(5)	(5)	2	(5)
Selected industries									
2818	Organic chemicals, nec.....	5,394	140	64	7	4	10	49	1
2819	Inorganic chemicals, nec.....	3,192	69	21	2	3	9	8	1
2911	Petroleum refining.....	(D)	132	98	3	2	(5)	94	3
MISSOURI REGION.....		122,264	1,655	150	31	58	8	67	17
20	Food and kindred products.....	43,417	524	51	7	21	2	21	8
26	Paper and allied products.....	2,943	32	20	5	18	(5)	1	1
28	Chemicals and allied products.....	5,044	136	15	10	1	(5)	12	1
29	Petroleum and coal products.....	5,236	115	31	6	4	(5)	23	4
30	Rubber and plastics products, nec.....	9,733	135	3	2	(5)	(5)	2	1
32	Stone, clay and glass products.....	4,777	78	9	(5)	1	6	2	(5)
33	Primary metal industries.....	7,331	110	16	1	12	...	4	1
37	Transportation equipment.....	13,305	222	3	(5)	1	...	2	1
Selected industries									
2011	Meat packing plants.....	26,860	274	18	3	9	1	4	5
2063	Beet sugar.....	3,718	51	20	3	10	...	10	1
2911	Petroleum refining.....	5,236	115	31	6	4	(5)	23	4
ARKANSAS, WHITE AND RED REGION.....		125,052	2,288	197	84	90	20	52	34
20	Food and kindred products.....	11,938	102	7	1	3	(5)	2	1
24	Lumber and wood products.....	5,824	33	1	(5)	(5)	(5)	(5)	(5)
26	Paper and allied products.....	12,888	201	62	45	52	6	1	3

See footnotes at end of table.

INDUSTRIAL WATER USE

11-39

Purpose of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954—Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹					Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)	
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water use, including recirculation or reuse (billion gallons)	Discharged (billion gallons)			
8	6	104	69	22	22	21	2,403	29	2818
13	12	44	25	...	...	...	...	...	2819
4	3	13	9	(NA)	(NA)	(NA)	(NA)	(NA)	2841
14	10	330	159	136	220	132	13,169	161	2911
8	6	73	70	58	58	56	3,063	28	3241
21	19	1,076	689	782	864	772	84,499	828	3312
9	7	17	13	(NA)	(NA)	(NA)	(NA)	(NA)	3522
55	40	61	16	25	28	24	141,191	1,332	3717
543	381	966	402	476	962	411	456,722	4,122	
177	138	148	90	96	248	78	98,011	914	20
5	4	1	1	...	...	...	...	...	24
45	40	199	95	115	112	224	22,344	249	26
6	2	1	1	...	...	...	...	...	27
48	33	98	37	(D)	(D)	(D)	(D)	(D)	28
10	9	162	11	(D)	(D)	(D)	(D)	(D)	29
9	7	6	4	...	...	...	...	...	30
32	15	73	40	64	86	61	18,732	229	32
36	27	179	74	(D)	(D)	(D)	(D)	(D)	33
36	16	7	3	6	6	5	28,127	201	34
58	41	47	32	...	...	...	...	...	35
31	19	8	4	...	...	...	...	...	36
21	14	22	6	...	...	...	...	...	37
9	4	2	2	...	...	...	...	...	38
11	8	12	2	...	...	...	...	...	39
25	23	48	25	29	43	22	47,369	304	2011
7	7	33	24	18	26	16	7,321	95	2046
21	19	131	74	(NA)	(NA)	(NA)	(NA)	(NA)	2621
11	10	64	18	(NA)	(NA)	(NA)	(NA)	(NA)	2631
8	8	161	11	19	126	15	6,828	109	2911
10	5	28	19	49	61	48	4,080	54	3241
6	6	146	49	...	...	...	...	...	3312
23	18	29	24	(NA)	(NA)	(NA)	(NA)	(NA)	3522
149	93	999	424	357	720	341	79,256	829	
51	23	35	31	45	57	41	14,561	122	20
8	5	2	1	...	...	...	...	...	22
8	7	2	(5)	...	...	...	...	...	24
10	10	96	31	31	75	31	5,946	81	26
36	24	317	113	70	196	66	12,086	173	28
8	6	383	94	67	238	64	8,919	112	29
5	4	4	3	...	...	...	...	...	30
9	7	139	63	11	53	11	4,647	102	2818
8	6	118	16	...	...	...	...	...	2819
7	5	382	94	66	235	63	8,010	103	2911
202	165	476	139	126	276	113	127,277	1,165	
109	91	83	49	46	78	43	47,889	330	20
6	6	38	20	...	...	...	...	...	26
20	12	47	13	10	24	9	8,433	96	28
19	18	199	25	28	108	22	5,784	77	29
4	4	11	3	...	...	...	...	...	30
13	11	65	8	...	...	...	...	...	32
10	9	24	16	18	19	17	6,878	66	33
202	165	5	3	...	...	...	...	...	37
32	28	35	17	18	32	17	30,188	174	2011
26	25	31	20	14	20	14	3,754	37	2063
19	18	199	25	28	102	22	5,784	76	2911
201	160	1,399	162	173	1,075	114	144,163	1,262	
47	32	12	6	12	20	11	14,215	90	20
13	11	3	1	...	...	...	...	...	24
17	14	438	60	56	210	41	11,105	138	26

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Represents data for establishments with a

Code	Water use region, industry group, and industry	1959							
		All employees, total (number)	Value added by manufacture ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				Total (billion gallons)	Treated prior to use (billion gallons)				
ARKANSAS, WHITE AND RED REGION--Continued									
28	Chemicals and allied products.....	8,864	187	48	18	5	10	27	6
29	Petroleum and coal products.....	12,252	300	32	17	2	1	19	10
32	Stone, clay and glass products.....	6,276	104	3	(5)	2	(5)	1	(5)
33	Primary metal industries.....	14,929	201	40	1	26	2	1	11
37	Transportation equipment.....	40,795	345	1	(5)	(5)	(5)	(5)	1
Selected industries									
2621	Paper mills, except building.....	6,043	86	37	25	31	4	(5)	2
2631	Paperboard mills.....	(D)	(D)	25	21	21	2	(5)	1
2819	Inorganic chemicals, nec.....	3,882	81	21	15	1	10	7	3
2911	Petroleum refining.....	12,142	299	32	17	2	1	19	10
WESTERN GULF REGION.....		182,529	3,054	1,489	110	292	397	749	50
20	Food and kindred products.....	16,811	190	5	1	3	(5)	1	2
22	Textile mill products.....	2,510	15	1	(5)	(5)	...	(5)	(5)
24	Lumber and wood products.....	2,796	14	2	(5)	(5)	1	(5)	1
26	Paper and allied products.....	5,201	77	32	9	27	2	1	2
28	Chemicals and allied products.....	30,229	1,105	1,062	41	231	304	511	16
29	Petroleum and coal products.....	40,118	591	313	56	22	39	226	26
30	Rubber and plastics products, nec.....	2,104	477	1	(5)	...	...	1	(5)
32	Stone, clay and glass products.....	3,891	85	3	(5)	2	(5)	(5)	1
33	Primary metal industries.....	11,340	193	64	1	5	51	7	1
35	Machinery, except electrical.....	8,014	110	2	(5)	(5)	...	1	1
37	Transportation equipment.....	47,817	491	4	(5)	2	...	1	1
Selected industries									
2621	Paper mills, except building.....	3,780	59	23	9	19	2	(5)	2
2812	Alkalies and chlorine.....	2,732	72	198	1	2	95	99	2
2819	Inorganic chemicals, nec.....	2,934	67	9	3	3	(5)	4	2
2911	Petroleum refining.....	39,953	586	313	56	22	39	226	26
COLORADO REGION.....		20,815	223	19	5	8	1	7	2
20	Food and kindred products.....	1,340	16	1	1	1	(5)	(5)	(5)
33	Primary metal industries.....	4,706	38	11	4	7	1	2	1
Selected industries									
3331	Primary copper.....	1,732	18	10	4	7	1	1	1
GREAT BASIN REGION.....		13,161	186	31	7	9	4	16	2
20	Food and kindred products.....	2,531	22	5	(5)	3	(5)	2	(5)
CALIFORNIA REGION.....		492,922	5,547	326	60	77	20	190	39
20	Food and kindred products.....	60,609	828	49	7	22	4	16	7
24	Lumber and wood products.....	13,518	112	18	1	4	7	1	6
26	Paper and allied products.....	6,599	96	27	10	15	8	2	2
28	Chemicals and allied products.....	11,861	327	33	99	9	...	21	3
29	Petroleum and coal products.....	16,823	325	150	16	5	(5)	134	11
30	Rubber and plastics products, nec.....	9,570	122	1	(5)	(5)	...	1	(5)
32	Stone, clay and glass products.....	13,937	229	21	9	14	(5)	6	1
33	Primary metal industries.....	23,710	295	12	5	4	...	6	2
34	Fabricated metal products.....	9,331	122	1	(5)	(5)	...	(5)	(5)
35	Machinery, except electrical.....	11,227	107	1	(5)	(5)	(5)	(5)	(5)
36	Electrical machinery.....	19,704	252	1	(5)	(5)	...	(5)	(5)
37	Transportation equipment.....	194,223	1,624	10	3	3	...	2	4
38	Instruments and related products.....	44,299	51	1	(5)	(5)	...	(5)	1
39	Miscellaneous manufactures, incl. ordnance.	86,496	940	2	1	1	...	(5)	1
Selected industries									
2033	Canned fruits and vegetables.....	18,331	237	12	1	8	...	2	1
2063	Beet sugar.....	2,931	34	10	2	4	3	2	(5)
2421	Sawmills and planing mills.....	10,110	81	16	1	4	7	1	5
2631	Paperboard mills.....	2,330	36	14	7	10	2	1	1
2819	Inorganic chemicals, nec.....	2,683	68	10	2	2	...	7	2
2911	Petroleum refining.....	16,496	317	150	16	5	(5)	133	11
PACIFIC NORTHWEST REGION.....		165,819	1,827	468	166	259	79	86	44
20	Food and kindred products.....	17,186	197	24	(5)	14	...	7	3
24	Lumber and wood products.....	36,049	303	111	4	22	68	9	12
26	Paper and allied products.....	17,385	335	255	158	205	11	21	18

See footnotes at end of table.

INDUSTRIAL WATER USE

11-41

Purpose of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954-Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹						Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million dollars)		
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water use, including recirculation or reuse (billion gallons)	Discharged (billion gallons)				
30	25	185	42	37	186	29	9,660	149	28	
37	36	624	14	(D)	(D)	(D)	(D)	(D)	29	
22	15	8	1	...	...	...	...	...	32
12	10	125	35	(D)	(D)	(D)	(D)	(D)	33	
8	8	3	1	...	...	...	...	...	37
6	6	250	35	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
6	6	187	24	(NA)	(NA)	(NA)	(NA)	(NA)	2631	
8	8	86	18	...	...	...	...	...	2819
36	35	624	14	28	585	11	13,517	193	2911	
241	198	4,490	1,398	1,264	3,080	1,184	179,824	2,149		
49	37	29	4	13	1	37	20,031	192	20	
4	2	1	1	...	...	...	...	...	22
7	6	3	1	...	...	...	...	...	24
10	9	192	27	29	213	24	3,576	38	26	
66	58	1,695	1,024	743	1,132	715	26,762	618	28	
46	42	2,287	277	(D)	(D)	(D)	(D)	(D)	29	
3	3	2	(5)	...	...	...	...	...	30
16	13	7	2	...	...	...	...	...	32
14	10	211	57	(D)	(D)	(D)	(D)	(D)	33	
5	5	22	2	...	...	...	...	...	35
14	9	38	3	2	7	1	47,829	318	37	
4	4	132	19	(NA)	(NA)	(NA)	(NA)	(NA)	2621	
5	5	212	196	...	...	...	...	...	2812
17	16	106	6	...	...	...	...	...	2819
45	42	2,287	277	385	1,480	356	39,888	463	2911	
30	30	127	7	16	54	10	15,739	148		
8	8	4	1	...	...	...	...	...	20
9	9	98	3	...	...	...	...	...	33
7	7	96	3	...	...	...	...	...	3331
34	29	128	23	34	151	31	13,386	169		
16	14	8	5	...	...	...	...	...	20
484	380	1,191	284	329	821	264	423,492	3,970		
185	138	94	42	49	85	44	60,906	639	20	
30	20	30	15	21	26	15	14,723	119	24	
27	27	184	25	10	38	9	4,728	53	26	
50	44	124	25	41	84	21	10,920	198	28	
22	21	555	136	(D)	(D)	(D)	(D)	(D)	29	
10	10	8	1	...	...	...	...	...	30
44	27	36	18	...	...	...	...	...	32
37	29	103	9	(D)	(D)	(D)	(D)	(D)	33	
15	13	3	1	...	...	...	...	...	34
8	6	2	(5)	...	...	...	...	...	35
13	10	1	1	...	...	...	...	...	36
36	27	35	9	...	...	...	...	...	37
4	3	1	(5)	...	...	...	...	...	38
11	11	7	2	...	...	...	...	...	39
51	40	16	10	(NA)	(NA)	(NA)	(NA)	(NA)	2033	
11	10	17	7	...	...	...	...	...	2063
20	14	27	13	(NA)	(NA)	(NA)	(NA)	(NA)	2421	
11	11	60	14	(NA)	(NA)	(NA)	(NA)	(NA)	2631	
15	15	63	8	...	...	...	...	...	2819
19	19	554	135	158	437	138	16,571	231	2911	
268	195	1,107	446	437	1,039	402	132,874	1,149		
77	54	38	23	23	30	21	19,477	200	20	
81	58	131	104	95	97	75	36,936	264	24	
39	37	791	248	248	810	240	17,112	251	26	

MANUFACTURES—SUMMARY STATISTICS

Table 4.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Represents data for establishments with a

Code	Water use region, industry group, and industry	1959							
		All employees, total (number)	Value added by manufactures ² (million dollars)	Water intake by purpose					
				All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
				Total (billion gallons)	Treated prior to use (billion gallons)				
	PACIFIC NORTHWEST REGION--Continued								
28	Chemicals and allied products.....	2,227	54	24	1	1	...	22	(⁵)
29	Petroleum and coal products.....	1,308	31	3	2	(⁵)	...	1	1
32	Stone, clay and glass products.....	1,507	19	2	...	1	...	1	(⁵)
33	Primary metal industries.....	13,508	231	47	(⁵)	14	(⁵)	23	9
37	Transportation equipment.....	71,331	599	3	...	1	...	1	1
	Selected industries								
2063	Beet sugar.....	1,528	30	10	...	7	...	3	1
2421	Sawmills and planing mills.....	21,927	184	98	3	20	63	6	10
2432	Veneer and plywood plants.....	13,202	111	11	(⁵)	1	5	4	2
2611	Pulp mills.....	3,516	49	85	70	75	3	4	4
2621	Paper mills, except building.....	9,001	165	132	84	109	3	8	12
2631	Paperboard mills.....	3,518	87	36	4	20	5	8	2
3334	Primary aluminum.....	4,143	124	16	(⁵)	1	...	7	8
	CUMBERLAND REGION.....	13,774	128	16	11	5	1	7	4
20	Food and kindred products.....	1,513	11	1	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
	HAWAII AND ALASKA REGIONS.....	16,282	143	84	12	30	22	27	5
20	Food and kindred products.....	15,027	121	68	(⁵)	16	22	27	3
	Selected industries								
2061	Raw cane sugar.....	4,801	55	61	(⁵)	14	21	24	2

Note: Detailed figures may not add to totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

²Revised to conform with the Standard Industrial Classification Manual issued in 1957. See text for explanation.

INDUSTRIAL WATER USE

11-43

Purpose of Industrial Use, for Water Use Regions and Selected Industries: 1959 and 1954--Continued

water intake of 20 million gallons or more)

1959--Continued				1954 ¹					Code
Establishments, number		Gross water used, including recirculation or reuse ³ (billion gallons)	Total water discharged (billion gallons)	Total water			All employees, total (number)	Value added by manufacture ² (million gallons)	
Total	Recirculating or reusing water			Intake (billion gallons)	Gross water use, including recirculation or reuse (billion gallons)	Discharged (billion gallons)			
17	11	26	22	23	27	21	2,911	41	28
5	4	48	2	...	...	...	...	...	29
11	6	3	2	...	...	...	...	...	32
26	16	65	43	38	58	36	15,905	199	33
5	4	3	3	...	...	...	...	...	37
8	8	19	10	...	...	...	...	...	2063
42	34	117	93	(NA)	(NA)	(NA)	(NA)	(NA)	2421
36	23	13	10	...	...	...	...	...	2432
11	11	202	85	(NA)	(NA)	(NA)	(NA)	(NA)	2611
16	16	433	127	(NA)	(NA)	(NA)	(NA)	(NA)	2621
9	8	152	34	(NA)	(NA)	(NA)	(NA)	(NA)	2631
6	4	21	16	15	26	13	5,693	96	3334
22	16	35	16	16	38	16	12,643	134	
5	3	2	1	...	...	...	...	...	20
44	31	136	74	(NA)	(NA)	(NA)	(NA)	(NA)	
43	31	119	59	(NA)	(NA)	(NA)	(NA)	(NA)	20
24	21	112	53	(NA)	(NA)	(NA)	(NA)	(NA)	2061

²For 1959, figures represent adjusted value added by manufacture and for 1954, unadjusted value added. See text for explanation.

³Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.

⁴The 1959 figures include data for establishments located in Hawaii and Alaska which reported a 1959 water intake of 84 billion gallons.

⁵Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 5.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Source

(Represents data for establishments with 1959

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Fresh				Brackish ¹ (billion gallons)	
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)		
	United States, total.....	xxx	12,175	9,733	1,303	7,266	1,164	2,442	26,621
	NEW ENGLAND REGION.....	xxx	556	435	103	301	30	121	843
20	Food and kindred products.....	xxx	19	9	4	3	1	10	23
22	Textile mill products.....	xxx	28	27	5	21	1	1	31
23	Apparel and related products.....	xxx	7	7	7	...	...	...	7
26	Paper and allied products.....	xxx	243	243	11	225	7	(³)	475
28	Chemicals and allied products.....	xxx	45	17	9	2	6	28	54
29	Petroleum and coal products.....	xxx	13	1	1	...	(³)	12	13
30	Rubber and plastics products, nec.....	xxx	24	21	4	14	3	3	34
31	Leather and leather products.....	xxx	4	3	1	1	1	(³)	4
32	Stone, clay and glass products.....	xxx	4	3	2	(³)	1	1	5
33	Primary metal industries.....	xxx	35	30	13	16	1	6	44
34	Fabricated metal products.....	xxx	5	4	4	(³)	1	1	6
35	Machinery, except electrical.....	xxx	33	9	5	4	(³)	23	38
36	Electrical machinery.....	xxx	14	14	5	7	1	...	22
37	Transportation equipment.....	xxx	68	31	25	(³)	6	37	69
38	Instruments and related products.....	xxx	5	5	1	4	(³)	...	6
39	Miscellaneous manufactures, incl. ordnance.....	xxx	10	10	6	4	(³)	...	11
	Selected industries								
2261	Finishing plants, cotton.....	83	10	10	1	9	1	(³)	11
2611	Pulp mills.....	45	36	36	(³)	36	...	...	56
2621	Paper mills, except building.....	729	185	354	8	172	4	...	254
2631	Paperboard mills.....	68	11	11	1	8	2	...	41
3069	Fabricated rubber products, nec.....	305	16	14	2	10	1	3	24
3351	Copper rolling and drawing.....	426	15	15	3	11	(³)	(³)	21
3722	Aircraft engines and parts.....	(D)	66	30	24	...	6	36	16
	DELAWARE AND HUDSON REGION.....	xxx	1,279	884	125	684	75	393	2,450
20	Food and kindred products.....	xxx	75	45	21	17	7	29	386
22	Textile mill products.....	xxx	16	16	4	11	1	(³)	19
23	Apparel and related products.....	xxx	1	1	1	...	(³)	(³)	1
26	Paper and allied products.....	xxx	172	170	38	123	8	2	362
27	Printing and publishing.....	xxx	2	2	2	...	(³)	...	24
28	Chemicals and allied products.....	xxx	244	157	18	119	21	87	368
29	Petroleum and coal products.....	xxx	342	124	6	114	4	218	748
30	Rubber and plastics products, nec.....	xxx	8	7	2	4	1	1	13
31	Leather and leather products.....	xxx	2	2	1	(³)	(³)	...	2
32	Stone, clay and glass products.....	xxx	48	41	3	33	5	7	72
33	Primary metal industries.....	xxx	259	223	10	195	18	36	308
34	Fabricated metal products.....	xxx	5	5	4	1	1	(³)	8
35	Machinery, except electrical.....	xxx	55	55	3	51	1	...	61
36	Electrical machinery.....	xxx	29	19	6	12	1	11	33
37	Transportation equipment.....	xxx	11	10	5	1	3	1	34
38	Instruments and related products.....	xxx	2	2	1	...	1	(³)	4
39	Miscellaneous manufactures, incl. ordnance.....	xxx	5	5	1	2	2	(³)	6
	Selected industries								
2062	Cane sugar refining.....	421	25	13	2	12	...	12	28
2621	Paper mills, except building.....	249	112	112	2	105	5	112	190
2631	Paperboard mills.....	150	46	45	34	9	2	1	149
2813	Industrial gases.....	20	13	13	(³)	12	1	(³)	16
2815	Intermediate coal tar products.....	340	41	35	3	31	2	6	64
2816	Inorganic pigments.....	203	40	9	1	5	3	31	50
2818	Organic chemicals, nec.....	493	69	29	2	20	6	40	81
2819	Inorganic chemicals, nec.....	125	19	15	2	13	1	4	21
2821	Plastics materials.....	457	22	21	2	18	2	1	70
2911	Petroleum refining.....	2,033	342	124	5	114	4	218	747
3241	Cement, hydraulic.....	120	32	32	(³)	30	1	(³)	44
3312	Blast furnaces and steel mills.....	937	210	207	5	187	16	3	245
3331	Primary copper.....	130	22	1	1	...	(³)	20	29
3511	Steam engines and turbines.....	405	48	48	1	47	(³)	...	48
	CHESAPEAKE BAY REGION.....	xxx	599	383	45	283	55	215	1,469
20	Food and kindred products.....	xxx	27	21	7	5	9	6	41
21	Tobacco products.....	xxx	1	1	1	...	(³)	...	3
22	Textile mill products.....	xxx	3	3	1	1	1	(³)	4
26	Paper and allied products.....	xxx	120	116	6	92	19	4	750
28	Chemicals and allied products.....	xxx	173	152	9	135	9	21	261
29	Petroleum and coal products.....	xxx	35	1	1	(³)	(³)	34	36
30	Rubber and plastics products, nec.....	xxx	7	7	2	5	1	...	10
31	Leather and leather products.....	xxx	2	2	1	1	(³)	...	2

See footnotes at end of table.

INDUSTRIAL WATER USE

11-45

of Intake and Point of Discharge for Water Use Regions and Selected Industries: 1959

water intake of 20 million gallons or more)

Water discharged and treated													Code
Total (billion gallons)	Treated prior to discharge (billion gallons)	Point of discharge											
		Public utility sewer			Surface water body			Ground wells, etc.			Trans- ferred to other users (billion gallons)		
		Total ² (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)	Total ² (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)	Total (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)			
11,449	2,309	997	76	98	10,181	1,381	3,437	98	15	18	174		
494	23	62	3	6	428	7	19	2	1	(³)	2		
18	1	5	1	(³)	13	(³)	(³)	(³)	...	...	(³)	20
25	3	3	(³)	...	22	2	2	(³)	(³)	...	(³)	22	
7	...	...	...	...	...	...	...	(³)	(³)	...	...	23
214	14	6	1	1	207	4	10	(³)	(³)	...	1	26	
42	1	8	(³)	...	34	(³)	4	(³)	(³)	(³)	(³)	28	
13	(³)	(³)	...	...	12	...	...	(³)	...	...	...	29
23	(³)	2	(³)	(³)	20	(³)	(³)	1	(³)	(³)	1	30	
3	1	1	...	(³)	2	(³)	...	(³)	...	...	...	31
4	(³)	1	...	(³)	2	...	(³)	(³)	...	(³)	...	32	
35	1	10	(³)	3	25	1	1	(³)	(³)	...	...	33
5	(³)	3	(³)	(³)	2	...	(³)	(³)	...	...	...	34
30	(³)	4	(³)	(³)	26	...	(³)	(³)	...	...	...	35
14	(³)	5	(³)	(³)	9	(³)	(³)	(³)	...	...	...	36
47	(³)	1	(³)	(³)	46	(³)	(³)	...	...	...	...	37
5	(³)	1	(³)	(³)	4	(³)	(³)	(³)	...	...	...	38
9	(³)	5	(³)	(³)	4	...	(³)	(³)	...	...	...	39
9	2	(³)	(³)	...	9	2	1	...	...	...	...	2261
36	...	1	...	...	34	...	...	(³)	...	...	(³)	2611
158	9	2	1	1	155	3	6	(³)	(³)	...	1	2621	
10	4	1	(³)	...	9	1	3	(³)	(³)	...	(³)	2631	
16	(³)	1	(³)	(³)	15	...	(³)	(³)	(³)	(³)	(³)	3069	
15	1	2	...	1	13	1	1	...	...	...	...	3351
45	(³)	(³)	(³)	...	44	...	1	...	...	...	...	3722
1,215	304	90	14	7	1,111	199	354	13	(³)	3	1		
68	5	17	(³)	1	48	(³)	7	3	(³)	(³)	(³)	20	
14	6	6	(³)	...	8	2	5	(³)	...	...	...	22
1	...	(³)	...	...	(³)	...	...	...	...	...	...	23
165	20	10	1	...	153	11	20	2	...	1	...	26	
2	(³)	2	(³)	(³)	(³)	...	...	(³)	...	...	...	27
227	39	21	9	2	204	10	92	1	(³)	...	(³)	28	
333	183	1	...	(³)	332	169	25	(³)	...	...	(³)	29
7	1	2	(³)	...	5	(³)	1	(³)	...	(³)	...	30	
2	(³)	1	(³)	(³)	(³)	...	...	...	...	...	...	31
46	2	1	(³)	(³)	44	1	7	1	(³)	(³)	...	32	
245	30	12	3	(³)	232	1	152	1	...	...	(³)	33
5	1	3	(³)	1	2	(³)	1	(³)	...	...	...	34
54	12	3	(³)	(³)	51	5	36	(³)	(³)	...	...	35
29	2	6	(³)	2	23	(³)	4	(³)	(³)	(³)	...	36	
10	1	2	(³)	(³)	6	...	2	2	(³)	2	(³)	37	
2	(³)	1	(³)	(³)	2	(³)	(³)	(³)	(³)	(³)	...	38	
5	1	1	(³)	1	2	(³)	1	(³)	...	...	(³)	39
23	...	(³)	...	...	23	...	...	(³)	...	...	900	2062
110	10	4	(³)	...	104	4	14	2	...	1	...	2621	
42	6	3	1	...	39	5	1	...	...	...	...	2631
13	(³)	1	...	...	12	(³)	...	...	...	...	(³)	2813
41	26	8	7	1	33	8	24	1	...	...	...	2815
38	37	(³)	(³)	(³)	37	...	34	(³)	...	...	...	2816
60	2	2	1	(³)	58	1	2	(³)	...	...	(³)	2818
19	(³)	(³)	...	...	18	...	2	(³)	(³)	...	...	2819
21	2	2	...	1	19	(³)	13	(³)	(³)	...	...	2821
332	183	(³)	...	...	332	169	25	(³)	...	...	(³)	2911
30	(³)	(³)	...	...	30	...	3	(³)	(³)	...	900	3241
198	28	6	3	(³)	191	...	150	(³)	...	...	...	3312
21	(³)	1	...	...	20	...	...	...	...	...	...	3331
48	11	1	...	...	47	5	32	(³)	(³)	...	...	3511
564	138	28	1	4	527	35	370	7	1	5	(³)		
25	2	6	(³)	(³)	19	1	1	1	(³)	(³)	(³)	20	
(³)	...	(³)	...	...	...	...	...	...	...	...	...	21
3	1	1	...	...	2	...	1	(³)	...	...	...	22
104	35	4	(³)	...	99	7	88	(³)	(³)	(³)	...	26	
167	6	2	(³)	...	162	1	96	4	(³)	4	(³)	28	
34	21	(³)	(³)	...	34	21	...	...	...	...	...	29
6	(³)	(³)	...	...	4	...	(³)	1	(³)	...	(³)	30
2	(³)	1	(³)	...	(³)	(³)	...	(³)	...	(³)	...	31	

See footnotes at end of table.

MANUFACTURES—SUMMARY STATISTICS

Table 5.—Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1959)

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Fresh			Brackish ¹ (billion gallons)		
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)		From company ground water systems (billion gallons)	
CHESAPEAKE BAY REGION--Continued									
32	Stone, clay and glass products.....	xxx	11	11	4	5	2	1	27
33	Primary metal industries.....	xxx	197	53	4	40	9	145	295
34	Fabricated metal products.....	xxx	1	1	1	(³)	(³)	...	2
35	Machinery, except electrical.....	xxx	3	3	1	...	2	...	5
36	Electrical machinery.....	xxx	2	2	2	...	1	...	4
37	Transportation equipment.....	xxx	12	5	4	(³)	1	7	16
38	Instruments and related products.....	xxx	3	3	(³)	...	2	...	7
39	Miscellaneous manufactures, incl. ordnance....	xxx	1	1	1	...	...	...	5
Selected industries									
2621	Paper mills, except building.....	192	56	56	(³)	41	15	(³)	623
2631	Paperboard mills.....	149	49	45	1	40	4	4	104
2816	Inorganic pigments.....	42	11	4	1	3	(³)	6	11
2819	Inorganic chemicals, nec.....	104	67	56	4	52	(³)	10	69
2823	Cellulosic man-made fibers.....	209	37	37	1	32	4	...	89
EASTERN GREAT LAKES - ST LAWRENCE REGION..									
		xxx	1,384	1,338	132	1,185	21	46	2,211
20	Food and kindred products.....	xxx	18	18	11	5	2	(³)	34
22	Textile mill products.....	xxx	5	5	1	4	(³)	5	6
26	Paper and allied products.....	xxx	92	91	3	86	2	1	216
28	Chemicals and allied products.....	xxx	320	283	18	261	4	37	409
29	Petroleum and coal products.....	xxx	68	68	3	64	1	...	152
30	Rubber and plastics products, nec.....	xxx	51	51	9	38	4	(³)	92
32	Stone, clay and glass products.....	xxx	29	28	5	21	3	1	195
33	Primary metal industries.....	xxx	677	670	24	645	(³)	8	864
34	Fabricated metal products.....	xxx	6	6	6	(³)	(³)	...	8
35	Machinery, except electrical.....	xxx	6	6	5	(³)	(³)	(³)	19
36	Electrical machinery.....	xxx	8	7	7	(³)	(³)	(³)	22
37	Transportation equipment.....	xxx	93	93	37	54	2	(³)	153
38	Instruments and related products.....	xxx	8	8	1	7	(³)	...	38
39	Miscellaneous manufactures, incl. ordnance....	xxx	1	1	1	(³)	(³)	...	1
Selected industries									
2621	Paper mills, except building.....	228	63	63	2	61	(³)	...	136
2631	Paperboard mills.....	72	18	17	1	15	2	1	38
2812	Alkalies and chlorine.....	224	157	122	3	119	1	35	180
2818	Organic chemicals, nec.....	119	21	21	2	19	1	...	35
2819	Inorganic chemicals, nec.....	265	145	144	4	137	3	1	102
2821	Plastics materials.....	210	10	9	3	7	(³)	1	25
2911	Petroleum refining.....	704	68	68	3	64	1	...	150
3011	Tires and inner tubes.....	1,107	43	43	6	34	2	...	79
3312	Blast furnaces and steel mills.....	2,262	573	565	12	553	(³)	8	748
3717	Motor vehicles and parts.....	9,040	89	89	32	54	2	(³)	141
OHIO REGION.....									
		xxx	2,147	2,142	116	1,856	170	5	3,258
20	Food and kindred products.....	xxx	46	46	15	7	24	(³)	79
21	Tobacco products.....	xxx	1	1	1	...	(³)	...	2
22	Textile mill products.....	xxx	1	1	(³)	...	(³)	...	1
24	Lumber and wood products.....	xxx	1	1	(³)	...	(³)	...	3
26	Paper and allied products.....	xxx	57	57	2	28	27	...	165
27	Printing and publishing.....	xxx	2	2	1	(³)	(³)	...	2
28	Chemicals and allied products.....	xxx	605	603	8	554	41	2	863
29	Petroleum and coal products.....	xxx	47	47	3	33	11	(³)	198
30	Rubber and plastics products, nec.....	xxx	8	8	4	1	3	...	15
31	Leather and leather products.....	xxx	1	1	(³)	1	(³)	...	1
32	Stone, clay and glass products.....	xxx	23	23	6	12	5	...	53
33	Primary metal industries.....	xxx	1,290	1,288	41	1,209	37	3	1,749
34	Fabricated metal products.....	xxx	8	8	5	(³)	2	(³)	11
35	Machinery, except electrical.....	xxx	17	17	5	6	5	(³)	26
36	Electrical machinery.....	xxx	26	26	14	4	9	...	51
37	Transportation equipment.....	xxx	14	14	9	1	4	(³)	39
39	Miscellaneous manufactures, incl. ordnance....	xxx	1	1	(³)	...	(³)	...	1
Selected industries									
2011	Meat packing plants.....	644	11	11	4	2	6	(³)	16
2085	Distilled liquor except brandy.....	560	16	16	1	4	11	...	25
2621	Paper mills, except building.....	283	38	38	(³)	20	18	...	72
2631	Paperboard mills.....	81	12	12	1	4	6	...	80
2813	Industrial gases.....	47	55	55	(³)	51	3	(³)	56
2815	Intermediate coal tar products.....	206	37	37	1	31	5	(³)	52
2818	Organic chemicals, nec.....	639	300	300	2	288	10	(³)	380
2819	Inorganic chemicals, nec.....	115	521	521	4	494	22	(³)	124
2821	Plastics materials.....	298	12	12	1	4	7	...	15

See footnotes at end of table.

INDUSTRIAL WATER USE

11-47

Intake and Point of Discharge for Water Use Regions and Selected Industries: 1959--Continued

water intake of 20 million gallons or more)

Water discharged and treated												
Total	Treated prior to discharge	Point of discharge										Code
		Public utility sewer			Surface water body			Ground wells, etc.			Trans-ferred to other users	
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated		
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
10	4	1	(³)	(³)	7	4	(³)	(³)	(³)	...	...	32
190	66	3	(³)	1	187	(³)	181	1	(³)	1	...	33
1	(³)	1	...	...	1	(³)	...	(³)	...	...	...	34
3	(³)	2	...	2	1	...	...	...	...	...	...	35
2	1	1	(³)	(³)	1	(³)	(³)	...	...	...	...	36
11	1	2	...	(³)	9	(³)	1	(³)	...	...	(³)	37
3	(³)	3	...	...	(³)	...	(³)	...	...	...	...	38
1	(³)	1	...	(³)	(³)	...	...	...	...	...	...	39
54	23	(³)	(³)	...	54	6	47	(³)	...	(³)	...	2621
37	9	4	(³)	...	33	1	28	(³)	(³)	...	...	2631
10	1	...	...	...	10	...	4	...	(³)	...	...	2816
67	2	(³)	...	...	66	...	53	(³)	(³)	...	...	2819
47	3	(³)	...	...	43	...	10	4	...	...	...	2823
1,303	264	132	12	17	1,163	112	646	8	(³)	(³)	(³)	...
16	3	9	(³)	1	7	1	2	1	(³)	(³)	...	20
5	(³)	(³)	(³)	...	4	...	3	...	...	...	...	22
87	37	6	1	(³)	81	34	32	(³)	...	(³)	...	26
281	18	27	1	2	251	1	82	2	...	(³)	(³)	28
63	24	4	...	1	60	23	...	(³)	...	...	...	29
48	(³)	6	...	(³)	42	(³)	1	(³)	(³)	...	...	30
26	(³)	2	...	(³)	24	...	2	(³)	...	...	(³)	32
659	163	29	9	1	626	43	474	4	...	...	...	33
6	(³)	5	...	1	1	...	(³)	(³)	...	(³)	...	34
6	(³)	5	(³)	(³)	1	...	(³)	(³)	...	...	...	35
7	1	5	(³)	1	1	(³)	1	(³)	...	...	(³)	36
90	11	33	1	9	57	4	49	(³)	...	...	(³)	37
7	6	1	...	...	6	6	6	(³)	...	...	...	38
1	1	(³)	...	(³)	1	1	(³)	...	...	...	...	39
60	25	3	...	...	57	13	27	...	...	...	...	2621
16	9	1	1	...	15	7	1	(³)	...	(³)	...	2631
125	1	1	(³)	...	122	...	49	2	...	...	...	2812
21	(³)	2	...	...	19	...	1	...	...	...	...	2818
84	7	16	...	...	68	...	11	(³)	...	...	...	2819
10	1	3	(³)	1	6	(³)	2	...	...	...	(³)	2821
63	24	3	...	1	60	23	...	(³)	...	...	...	2911
40	(³)	3	...	(³)	37	(³)	...	(³)	(³)	...	...	3011
558	139	9	(³)	(³)	545	32	415	4	...	...	...	3312
86	10	29	(³)	9	56	4	49	(³)	...	...	(³)	3717
2,064	300	112	4	20	1,937	110	777	13	5	3	(³)	...
42	4	23	1	1	18	1	1	1	(³)	(³)	(³)	20
(³)	(³)	(³)	(³)	(³)	(³)	(³)	...	(³)	...	...	...	21
1	(³)	(³)	(³)	(³)	(³)	(³)	...	(³)	...	...	...	22
1	(³)	(³)	(³)	(³)	(³)	(³)	...	(³)	...	...	...	24
52	14	3	(³)	(³)	48	2	30	1	(³)	(³)	...	26
2	(³)	2	...	(³)	(³)	...	...	...	...	...	...	27
590	41	9	1	(³)	578	33	186	3	...	...	(³)	28
38	23	1	(³)	1	37	10	18	(³)	1	2	...	29
7	1	4	(³)	1	3	1	3	(³)	...	(³)	...	30
1	(³)	(³)	(³)	(³)	1	(³)	(³)	(³)	(³)	(³)	...	31
21	2	7	1	(³)	13	(³)	2	(³)	...	(³)	(³)	32
1,249	210	29	(³)	6	1,214	62	531	7	3	1	(³)	33
7	1	4	(³)	1	3	(³)	(³)	(³)	(³)	...	...	34
16	1	7	(³)	1	8	(³)	1	1	...	...	...	35
24	2	13	(³)	5	11	(³)	5	(³)	...	...	...	36
12	2	8	(³)	2	4	(³)	2	(³)	...	(³)	(³)	37
1	...	1	...	...	(³)	...	...	...	...	...	...	39
11	1	5	(³)	(³)	5	(³)	(³)	(³)	...	...	...	2011
14	(³)	5	(³)	(³)	9	(³)	1	(³)	...	...	...	2085
34	9	1	(³)	...	33	(³)	25	(³)	...	...	...	2621
10	2	1	...	...	8	1	1	(³)	(³)	(³)	...	2631
54	(³)	2	...	...	52	...	(³)	(³)	...	...	...	2813
36	2	1	(³)	(³)	35	2	31	...	...	...	...	2815
294	1	(³)	(³)	(³)	292	(³)	84	1	...	(³)	...	2818
53	5	(³)	...	...	...	4	45	...	(³)	...	...	2819
11	26	(³)	(³)	...	9	2	1	2	...	2	...	2821

Table 5.--Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1959

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Brackish ¹ (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Fresh						
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)			
OHIO REGION--Continued										
Selected industries--Continued										
2911	Petroleum refining.....	690	44	43	1	33	10	(^a)	193	
3312	Blast furnaces and steel mills.....	6,215	1,092	1,091	35	1,031	26	1	1,495	
3632	Household refrigerators.....	672	10	10	5	...	5	...	14	
TENNESSEE REGION.....										
		xxx	282	281	16	255	11	(^a)	639	
20	Food and kindred products.....	xxx	2	2	1	(^a)	1	...	5	
22	Textile mill products.....	xxx	7	7	3	3	1	...	7	
26	Paper and allied products.....	xxx	73	73	2	71	(^a)	...	235	
28	Chemicals and allied products.....	xxx	182	182	4	170	7	...	233	
30	Rubber and plastics products, nec.....	xxx	5	5	(^a)	4	1	...	124	
32	Stone, clay and glass products.....	xxx	1	1	(^a)	1	(^a)	(^a)	1	
33	Primary metal industries.....	xxx	10	10	3	6	1	...	30	
34	Fabricated metal products.....	xxx	1	1	1	...	(^a)	...	1	
36	Electrical machinery.....	xxx	1	1	1	...	...	...	1
Selected industries										
2621	Paper mills, except building.....	172	68	68	(^a)	68	...	...	225
2819	Inorganic chemicals, nec.....	112	24	24	(^a)	24	(^a)	...	35	
2823	Cellulosic man-made fibers.....	220	52	52	(^a)	46	6	...	60	
SOUTHEAST REGION.....										
		xxx	853	663	107	340	217	189	2,240	
20	Food and kindred products.....	xxx	39	36	6	4	26	3	65	
21	Tobacco products.....	xxx	2	2	2	...	...	...	39
22	Textile mill products.....	xxx	72	72	24	42	5	(^a)	110	
23	Apparel and related products.....	xxx	1	1	1	...	(^a)	...	1	
24	Lumber and wood products.....	xxx	3	3	1	2	(^a)	(^a)	4	
25	Furniture and fixtures.....	xxx	1	1	(^a)	(^a)	(^a)	(^a)	1	
26	Paper and allied products.....	xxx	481	331	47	159	125	150	1,434	
28	Chemicals and allied products.....	xxx	143	121	5	60	56	21	266	
29	Petroleum and coal products.....	xxx	2	(^a)	(^a)	...	(^a)	2	2	
30	Rubber and plastics products, nec.....	xxx	6	6	(^a)	5	1	...	8	
32	Stone, clay and glass products.....	xxx	16	11	1	8	2	5	26	
33	Primary metal industries.....	xxx	73	73	14	57	2	(^a)	240	
34	Fabricated metal products.....	xxx	2	2	2	(^a)	(^a)	...	3	
36	Electrical machinery.....	xxx	1	1	1	(^a)	(^a)	(^a)	2	
37	Transportation equipment.....	xxx	10	3	2	1	(^a)	7	31	
Selected industries										
2037	Frozen fruits and vegetables.....	259	21	20	1	1	18	1	26	
2211	Weaving mills, cotton.....	1,774	23	23	7	14	2	...	37	
2261	Finishing plants, cotton.....	475	28	28	7	20	1	...	35	
2611	Pulp mills.....	155	84	74	...	21	53	9	374	
2621	Paper mills, except building.....	371	189	114	26	65	23	74	489	
2631	Paperboard mills.....	531	203	136	20	72	44	66	559	
2861	Gum and wood chemicals.....	123	23	19	(^a)	4	15	4	38	
2871	Fertilizers.....	116	30	18	(^a)	1	18	12	53	
3241	Cement, hydraulic.....	99	15	10	(^a)	8	1	5	20	
3312	Blast furnaces and steel mills.....	759	69	69	13	56	1	...	231	
WESTERN GREAT LAKES REGION.....										
		xxx	1,419	1,358	287	1,028	44	61	2,457	
20	Food and kindred products.....	xxx	55	48	22	16	10	7	92	
22	Textile mill products.....	xxx	1	1	1	(^a)	(^a)	...	1	
26	Paper and allied products.....	xxx	154	153	5	134	14	1	453	
27	Printing and publishing.....	xxx	7	5	5	...	(^a)	2	9	
28	Chemicals and allied products.....	xxx	171	166	19	140	8	5	238	
29	Petroleum and coal products.....	xxx	166	152	40	111	(^a)	15	332	
30	Rubber and plastics products, nec.....	xxx	6	6	2	2	2	...	8	
31	Leather and leather products.....	xxx	3	3	2	1	(^a)	...	3	
32	Stone, clay and glass products.....	xxx	77	77	1	75	1	(^a)	79	
33	Primary metal industries.....	xxx	715	687	149	536	3	29	1,104	
34	Fabricated metal products.....	xxx	11	11	9	(^a)	1	...	20	
35	Machinery, except electrical.....	xxx	22	22	10	11	1	...	30	
36	Electrical machinery.....	xxx	6	6	5	(^a)	1	(^a)	13	
37	Transportation equipment.....	xxx	23	21	17	1	3	2	71	
38	Instruments and related products.....	xxx	1	1	1	(^a)	(^a)	...	2	
Selected industries										
2082	Malt liquors.....	307	11	11	5	6	(^a)	(^a)	24	
2621	Paper mills, except building.....	388	101	101	2	89	9	...	295	
2631	Paperboard mills.....	157	31	30	1	26	3	1	65	
2818	Organic chemicals, nec.....	274	72	72	7	65	...	...	104
2819	Inorganic chemicals, nec.....	114	27	27	1	23	2	...	44	
2841	Soap and other detergents.....	209	10	6	1	5	...	4	13	
2911	Petroleum refining.....	1,016	164	150	40	110	(^a)	14	330	
3241	Cement, hydraulic.....	85	72	72	(^a)	72	(^a)	...	73	

See footnotes at end of table.

INDUSTRIAL WATER USE

11-49

Intake and Point of Discharge for Water Use Regions and Selected Industries: 1959--Continued

water intake of 20 million gallons or more)

Total	Treated prior to discharge	Water discharged and treated										Code
		Point of discharge										
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users	
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated		
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
38	23	1	(³)	1	37	10	18	(³)	...	...	...	2911
1,055	180	23	...	3	1,031	39	471	1	(³)	...	(³)	3312
8	1	3	...	2	6	...	5	...	...	...	...	3632
273	43	14	1	1	257	12	165	1	(³)	...	1	
2	(³)	1	...	...	(³)	...	(³)	(³)	...	...	...	20
6	(³)	4	(³)	...	2	...	(³)	...	...	...	1	22
70	17	3	1	1	67	...	59	...	...	...	...	26
178	23	3	(³)	...	174	11	98	(³)	...	...	(³)	28
4	(³)	(³)	...	...	4	...	3	(³)	...	...	...	30
1	(³)	(³)	...	...	1	(³)	...	(³)	...	...	...	32
9	2	1	...	...	8	1	5	(³)	(³)	...	(³)	33
1	...	1	...	...	(³)	...	(³)	(³)	...	...	...	34
(³)	(³)	(³)	...	...	(³)	...	(³)	...	...	...	...	36
66	16	...	...	...	66	...	58	...	...	...	...	2621
23	15	...	...	...	23	11	(³)	...	...	...	...	2819
51	8	(³)	...	...	50	...	30	...	...	...	...	2823
785	136	39	4	4	739	83	191	7	(³)	1	(³)	
37	3	7	1	(³)	26	1	6	4	(³)	1	(³)	20
1	(³)	1	...	1	(³)	...	...	...	...	...	...	21
64	7	21	1	2	42	4	1	1	...	(³)	(³)	22
1	...	1	...	...	(³)	...	...	...	...	...	...	23
2	(³)	1	...	(³)	1	...	1	(³)	...	(³)	...	24
1	...	(³)	...	...	1	...	...	(³)	...	...	...	25
467	79	(³)	(³)	...	467	47	126	(³)	(³)	(³)	(³)	26
124	40	2	(³)	(³)	122	31	37	1	(³)	(³)	(³)	28
2	...	(³)	...	...	2	(³)	...	...	...	...	...	29
6	(³)	(³)	...	...	6	...	...	...	...	...	(³)	30
9	(³)	(³)	...	...	9	(³)	(³)	...	...	(³)	(³)	32
58	5	3	(³)	(³)	55	(³)	19	(³)	...	(³)	...	33
2	(³)	(³)	(³)	(³)	1	(³)	1	(³)	...	...	...	34
1	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	...	...	...	36
10	1	2	1	(³)	8	(³)	(³)	(³)	...	...	(³)	37
21	1	1	1	...	17	...	4	3	(³)	1	(³)	2037
20	2	8	1	1	12	(³)	(³)	(³)	...	...	...	2211
26	2	5	(³)	1	20	1	1	(³)	...	...	(³)	2261
83	16	(³)	(³)	...	83	12	6	...	...	...	...	2611
185	25	(³)	(³)	...	185	15	70	(³)	...	(³)	(³)	2621
197	37	(³)	(³)	...	196	10	50	(³)	(³)	(³)	(³)	2631
21	13	(³)	(³)	(³)	21	13	1	(³)	(³)	(³)	(³)	2861
24	9	(³)	...	(³)	24	4	11	(³)	(³)	(³)	(³)	2871
8	(³)	...	...	...	8	...	...	(³)	...	(³)	...	3241
54	4	2	...	...	52	...	18	...	...	...	...	3312
1,378	268	244	9	14	1,128	176	388	6	1	2	(³)	
51	9	33	1	4	17	5	8	1	...	...	(³)	20
1	(³)	1	(³)	(³)	(³)	...	...	...	...	...	(³)	22
145	62	7	(³)	(³)	137	30	42	1	(³)	...	(³)	26
7	(³)	2	(³)	...	5	...	...	...	...	...	(³)	27
163	72	7	1	1	152	66	20	3	(³)	2	(³)	28
161	93	1	(³)	(³)	160	66	41	(³)	(³)	...	...	29
6	1	3	1	...	3	...	(³)	(³)	...	...	...	30
3	1	2	1	(³)	1	...	...	...	...	...	...	31
73	(³)	1	(³)	(³)	72	...	(³)	(³)	...	(³)	(³)	32
708	21	145	(³)	4	562	8	274	(³)	...	(³)	(³)	33
10	1	8	(³)	1	2	(³)	1	(³)	(³)	(³)	(³)	34
22	5	9	(³)	(³)	12	...	1	(³)	(³)	(³)	...	35
6	(³)	5	(³)	1	1	...	(³)	(³)	...	...	...	36
22	2	18	1	2	3	1	(³)	(³)	...	...	...	37
1	(³)	1	...	(³)	(³)	...	...	(³)	...	...	...	38
11	1	5	(³)	1	6	...	5	(³)	...	...	...	2082
94	43	2	(³)	(³)	91	21	24	(³)	...	...	(³)	2621
30	7	4	(³)	(³)	26	1	8	(³)	...	...	...	2631
69	46	(³)	(³)	(³)	68	46	1	(³)	...	...	...	2818
25	49	1	(³)	(³)	24	...	6	(³)	(³)	...	(³)	2819
9	2	2	...	(³)	8	...	3	(³)	...	...	...	2841
159	92	(³)	...	(³)	159	65	41	(³)	...	...	...	2911
70	...	(³)	...	...	70	...	...	(³)	...	...	...	3241

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1952

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Brackish ¹ (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Fresh						
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)			
WESTERN GREAT LAKES REGION--Continued Selected industries--Continued										
3312	Blast furnaces and steel mills.....	2,451	694	666	136	530	(^a)	29	1,076	
3522	Farm machinery and equipment.....	276	13	13	5	7	(^a)	...	17	
3717	Motor vehicles and parts.....	5,033	17	17	14	1	2	(^a)	61	
UPPER MISSISSIPPI REGION.....		xxx	442	440	54	273	114	1	966	
20	Food and kindred products.....	xxx	99	99	17	34	48	...	148	
24	Lumber and wood products.....	xxx	1	1	(^a)	(^a)	1	...	1	
26	Paper and allied products.....	xxx	102	101	6	80	16	...	199	
27	Printing and publishing.....	xxx	1	1	(^a)	...	1	...	1	
28	Chemicals and allied products.....	xxx	40	40	8	15	17	1	98	
29	Petroleum and coal products.....	xxx	15	15	(^a)	5	9	...	162	
30	Rubber and plastics products, nec.....	xxx	4	4	2	(^a)	2	...	6	
32	Stone, clay and glass products.....	xxx	42	42	2	36	4	...	73	
33	Primary metal industries.....	xxx	87	86	3	76	5	1	179	
34	Fabricated metal products.....	xxx	3	3	2	(^a)	1	(^a)	7	
35	Machinery, except electrical.....	xxx	32	32	6	23	4	(^a)	47	
36	Electrical machinery.....	xxx	5	5	4	(^a)	1	...	8	
37	Transportation equipment.....	xxx	6	6	4	(^a)	2	...	22	
38	Instruments and related products.....	xxx	2	2	1	1	1	...	2	
39	Miscellaneous manufacturing, incl. ordnance....	xxx	2	2	(^a)	1	1	...	12	
Selected industries										
2011	Meat packing plants.....	2,373	27	27	6	1	20	...	48	
2046	Wet corn milling.....	280	26	26	2	21	4	...	33	
2621	Paper mills, except building.....	295	78	77	3	72	4	...	131	
2631	Paperboard mills.....	106	21	21	2	7	12	...	64	
2911	Petroleum refining.....	561	15	15	(^a)	5	9	...	161	
3241	Cement, hydraulic.....	92	20	20	(^a)	19	(^a)	...	28	
3312	Blast furnaces and steel mills.....	436	61	61	1	59	1	...	146	
3522	Farm machinery and equipment.....	923	24	24	3	20	2	(^a)	29	
LOWER MISSISSIPPI REGION.....		xxx	438	429	5	350	74	9	999	
20	Food and kindred products.....	xxx	32	31	1	20	10	1	35	
22	Textile mill products.....	xxx	1	1	(^a)	...	1	...	2	
24	Lumber and wood products.....	xxx	1	1	(^a)	...	1	...	2	
26	Paper and allied products.....	xxx	32	32	(^a)	6	26	(^a)	96	
28	Chemicals and allied products.....	xxx	120	120	1	96	22	(^a)	317	
29	Petroleum and coal products.....	xxx	99	92	(^a)	81	11	7	383	
30	Rubber and plastics products, nec.....	xxx	3	3	(^a)	...	3	(^a)	4	
Selected industries										
2818	Organic chemicals, nec.....	230	64	64	(^a)	57	7	...	139	
2819	Inorganic chemicals, nec.....	131	21	21	1	11	10	...	118	
2911	Petroleum refining.....	831	98	91	(^a)	81	10	7	382	
MISSOURI REGION.....		xxx	149	137	24	74	39	12	476	
20	Food and kindred products.....	xxx	50	50	15	18	16	1	83	
26	Paper and allied products.....	xxx	20	20	(^a)	19	1	...	38	
28	Chemicals and allied products.....	xxx	15	15	1	2	11	...	47	
29	Petroleum and coal products.....	xxx	31	31	2	25	4	...	199	
30	Rubber and plastics products, nec.....	xxx	3	3	1	...	2	(^a)	11	
32	Stone, clay and glass products.....	xxx	9	9	(^a)	6	3	...	65	
33	Primary metal industries.....	xxx	16	6	2	4	...	11	24	
37	Transportation equipment.....	xxx	3	3	2	...	1	...	5	
Selected industries										
2011	Meat packing plants.....	1,835	17	17	9	1	7	(^a)	35	
2063	Beet sugar.....	144	20	20	4	15	2	...	31	
2911	Petroleum refining.....	578	31	31	2	25	4	...	199	
ARKANSAS, WHITE AND RED REGION.....		xxx	197	195	20	106	69	1	1,399	
20	Food and kindred products.....	xxx	7	7	4	1	2	(^a)	12	
24	Lumber and wood products.....	xxx	1	1	(^a)	(^a)	(^a)	(^a)	3	
26	Paper and allied products.....	xxx	622	62	1	23	38	...	438	
28	Chemicals and allied products.....	xxx	48	48	1	37	10	1	185	
29	Petroleum and coal products.....	xxx	32	31	8	5	17	(^a)	624	
32	Stone, clay and glass products.....	xxx	3	3	1	2	(^a)	(^a)	8	
33	Primary metal industries.....	xxx	40	40	3	38	(^a)	...	125	
37	Transportation equipment.....	xxx	1	1	1	...	(^a)	...	3	
Selected industries										
2621	Paper mills, except building.....	154	37	37	...	14	22	...	250	
2631	Paperboard mills.....	(D)	25	25	1	9	15	...	187	
2819	Inorganic chemicals, nec.....	145	21	21	(^a)	17	4	...	86	
2911	Petroleum refining.....	1,425	32	31	8	5	17	(^a)	624	

See footnotes at end of table.

INDUSTRIAL WATER USE

11-51

Intake and Point of Discharge for Water Use Regions and Selected Industries: 1959--Continued

water intake of 20 million gallons or more)

Total (billion gallons)	Treated prior to discharge (billion gallons)	Water discharged and treated										Code
		Point of discharge										
		Public utility sewer			Surface water body			Ground wells, etc.			Trans- ferred to other users	
		Total ² (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)	Total ² (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)	Total ² (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)		
689 13 16	20 4 1	133 5 13	(³) 4 (³)	2 ... 1	556 7 3	7 ... 1	274 ... (³)	(³) ... (³)	... ... ...	(³)	(³)	3312 3522 3717
402 90 1 95 1 37 11 4 40 74 3 32 4 6 2 2	68 10 1 16 (³) 1 9 ... 17 (³) 12 (³) 1 (³) (³)	106 38 (³) 8 1 15 1 3 20 2 6 4 4 1 1	4 2 (³) 1 (³) (³) 2 (³) 1 (³) 1 (³) ...	13 7 2 1 (³) (³) 1 (³) (³) ... (³)	284 46 1 84 (³) 21 10 3 53 (³) 25 (³) 1 1 1	37 3 1 4 ... 1 6 16 (³) 6 15 (³) 1 (³) (³) ...	87 3 ... 59 ... 1 4 6 (³) 15 (³) ... (³) ...	7 2 (³) 2 (³) (³) (³) (³) 1 (³) (³) (³) (³) ...	1 (³) (³) (³) ... 1	(³) (³) (³) (³)	4 4 (³) ... (³)	20 24 26 27 28 29 30 32 33 34 35 36 37 38 39
25 24 74 18 11 19 49 24	5 ... 9 18 9 (³) 17 10	18 1 1 6 1 (³) 14 2	2 1 (³)	4	7 22 70 12 10 19 35 22	2 ... 1 3 6 ... 16 4	... ... 54 3 4 15	(³) 1 2 (³) (³) (³) 1 (³)	(³) (³) 1 ...	... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ...	2011 2046 2621 2631 2911 3241 3312 3522
424 31 1 (³) 31 113 94 3	27 3 7 8 9 ...	27 12 1 (³) 5 4 1 2	4 (³) 4 (³) (³)	1 1	394 17 (³) (³) 26 108 94 (³)	13 (³) 5 7 ...	76 4 59 13 ...	1 (³) (³) (³) (³)	(³) (³) (³)	(³)	1 1	20 22 24 26 28 29 30
63 16 94	6 1 9	1 (³) (³)	(³) (³) (³)	... ... ...	62 16 94	4 (³) 7	56 3 13	(³) (³) (³)	(³) (³) ...	... ... ...	... ... ...	2818 2819 2911
139 49 20 13 25 3 8 16 3	23 13 4 1 3 (³) (³) (³) (³)	28 19 (³) 1 1 1 2 (³) 3	2 2 (³)	1 1 (³) (³)	109 29 19 12 24 2 6 16 (³)	15 10 1 1 3 (³) ...	41 3 19 1 (³) 2 ... 16 (³)	1 1 ... (³) (³)	1 1	(³) (³)	(³) (³)	20 26 28 29 30 32 33 37
17 20 25	3 10 3	13 (³) 1	2	1	3 20 24	... 10 3	1 2 (³)	1 (³) (³)	1 ... ...	... (³) ...	(³) (³) ...	2011 2063 2911
162 6 1 60 42 14 1 35 1	50 (³) (³) 35 3 10 (³) (³) (³)	8 4 (³) 1 (³) 1 (³) 1	1 (³) ... 1 ... (³) ... (³) (³)	1 (³) (³) ... (³) (³)	152 6 (³) 58 38 13 1 35 1	45 (³) ... 34 3 8	15 1 (³) ... 1 2 ... 11 (³)	2 1 (³) ... 1 (³) (³) (³) ...	(³) (³) (³) (³)	(³) (³) (³) (³)	1 ... (³) (³)	20 24 26 28 29 32 33 37
35 24 18 14	13 23 1 10	(³) 1 (³) 1	... 1 ... (³)	... ... (³) ...	35 23 17 13	13 22 1 8	... ... 1 2	... (³) (³) (³)	... ... (³) (³)	... ... (³) (³)	... (³) ... (³)	2621 2631 2819 2911

MANUFACTURES—SUMMARY STATISTICS

Table 5.--Quantity of Water Used and Discharged by Manufacturing Establishments, by Source of

(Represents data for establishments with 1959

Code	Industry group and industry	Value of shipments (million dollars)	Water intake by source						Gross water used, including recirculation or reuse (billion gallons)
			Total (billion gallons)	Fresh			Brackish ¹ (billion gallons)		
				Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)		From company ground water systems (billion gallons)	
	WESTERN GULF REGION.....	xxx	1,489	314	79	147	89	1,174	4,490
20	Food and kindred products.....	xxx	5	5	3	(^a)	2	(^a)	29
22	Textile mill products.....	xxx	1	1	(^a)	(^a)	(^a)	...	1
24	Lumber and wood products.....	xxx	2	2	(^a)	1	1	...	3
26	Paper and allied products.....	xxx	32	31	9	...	22	1	192
28	Chemicals and allied products.....	xxx	1,062	131	17	86	29	930	1,695
29	Petroleum and coal products.....	xxx	313	125	46	52	28	187	2,287
30	Rubber and plastics products, nec.....	xxx	1	1	(^a)	(^a)	(^a)	...	2
32	Stone, clay and glass products.....	xxx	3	2	(^a)	(^a)	2	1	7
33	Primary metal industries.....	xxx	64	10	2	4	4	54	211
35	Machinery, except electrical.....	xxx	2	2	(^a)	1	1	...	22
37	Transportation equipment.....	xxx	4	3	1	1	1	(^a)	38
	Selected industries								
2621	Paper mills, except building.....	95	23	22	8	...	14	1	132
2812	Alkalies and chlorine.....	99	198	11	1	...	11	186	212
2819	Inorganic chemicals, nec.....	153	9	8	3	1	4	1	106
2911	Petroleum refining.....	4,040	313	125	46	52	28	187	2,287
	COLORADO REGION.....	xxx	19	17	5	2	9	2	127
20	Food and kindred products.....	xxx	1	1	1	...	(^a)	...	4
33	Primary metal industries.....	xxx	11	10	(^a)	2	7	1	98
	Selected industries								
3331	Primary copper.....	160	10	9	(^a)	1	7	1	96
	GREAT BASIN REGION.....	xxx	31	27	5	15	7	4	128
20	Food and kindred products.....	xxx	5	5	2	3	(^a)	...	8
	CALIFORNIA REGION.....	xxx	326	154	64	36	55	172	1,191
20	Food and kindred products.....	xxx	49	40	15	3	22	9	94
24	Lumber and wood products.....	xxx	18	17	2	11	4	1	30
26	Paper and allied products.....	xxx	23	22	5	11	7	1	184
28	Chemicals and allied products.....	xxx	33	16	7	6	3	17	124
29	Petroleum and coal products.....	xxx	150	27	18	(^a)	9	124	555
30	Rubber and plastics products, nec.....	xxx	1	1	(^a)	...	1	(^a)	8
32	Stone, clay and glass products.....	xxx	21	8	1	1	5	13	36
33	Primary metal industries.....	xxx	12	11	2	7	2	(^a)	103
34	Fabricated metal products.....	xxx	1	1	1	...	(^a)	...	3
35	Machinery, except electrical.....	xxx	1	1	(^a)	...	(^a)	...	2
36	Electrical machinery.....	xxx	1	1	1	...	(^a)	...	1
37	Transportation equipment.....	xxx	10	9	8	...	1	1	35
38	Instruments and related products.....	xxx	1	1	1	(^a)	(^a)	...	1
39	Miscellaneous manufacturing, incl. ordnance....	xxx	2	2	2	(^a)	(^a)	...	7
	Selected industries								
2033	Canned fruits and vegetables.....	572	12	11	5	...	6	1	16
2063	Beet sugar.....	111	10	10	1	3	6	...	17
2421	Sawmills and planing mills.....	154	16	16	2	11	3	(^a)	27
2631	Paperboard mills.....	79	14	11	2	4	5	3	60
2819	Inorganic chemicals, nec.....	119	10	4	2	...	1	6	63
2911	Petroleum refining.....	1,909	150	26	18	...	9	123	554
	PACIFIC NORTHWEST REGION.....	xxx	468	434	111	260	62	35	1,107
20	Food and kindred products.....	xxx	24	24	6	6	12	...	38
24	Lumber and wood products.....	xxx	111	89	4	80	4	22	131
26	Paper and allied products.....	xxx	255	250	86	140	24	5	791
28	Chemicals and allied products.....	xxx	24	18	2	10	6	6	26
29	Petroleum and coal products.....	xxx	3	3	2	1	(^a)	(^a)	49
32	Stone, clay and glass products.....	xxx	2	2	(^a)	1	(^a)	...	3
33	Primary metal industries.....	xxx	47	45	8	21	16	2	65
37	Transportation equipment.....	xxx	3	2	2	...	...	1	3
	Selected industries								
2063	Beet sugar.....	75	10	10	...	5	5	...	19
2421	Sawmills and planing mills.....	386	98	77	2	71	4	21	117
2432	Veneer and plywood plants.....	242	11	10	2	7	(^a)	1	13
2611	Pulp mills.....	163	85	83	44	38	1	2	202
2621	Paper mills, except building.....	291	132	130	42	67	21	2	433
2631	Paperboard mills.....	164	35	35	(^a)	34	2	...	152
3334	Primary aluminum.....	247	16	16	6	...	9	...	21
	CUMBERLAND REGION.....	xxx	16	16	2	14	(^a)	...	35
20	Food and kindred products.....	xxx	1	1	1	...	(^a)	...	2
	HAWAII AND ALASKA REGIONS.....	xxx	84	81	3	58	20	3	136
2061	Raw cane sugar.....	112	62	62	2	42	17	1	112

Note: Detailed figures may not add to totals because of independent rounding.

¹Containing more than 1,000 parts per million of dissolved solids.

INDUSTRIAL WATER USE

11-53

Intake and Point of Discharge for Water Use Regions and Selected Industries: 1959--Continued

water intake of 20 million gallons or more)

Total	Treated prior to discharge	Water discharged and treated										Code
		Point of discharge										
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users	
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated		
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
1,398	438	13	3	1	1,243	421	122	3	(³)	(³)	139	
4	(³)	3	(³)	(³)	1	(³)	(³)	(³)	...	...	(³)	20
1	(³)	(³)	...	(³)	(³)	(³)	...	(³)	...	...	...	22
1	(³)	(³)	...	(³)	(³)	(³)	...	(³)	...	...	...	24
27	22	1	1	(³)	26	21	...	(³)	...	(³)	...	26
1,024	222	4	2	(³)	909	216	49	1	(³)	(³)	111	28
277	190	1	(³)	(³)	267	184	59	1	...	...	7	29
(³)	(³)	(³)	...	(³)	(³)	(³)	(³)	...	...	...	...	30
2	(³)	(³)	...	...	2	(³)	(³)	(³)	...	(³)	...	32
57	1	(³)	...	(³)	35	(³)	12	(³)	...	...	21	33
2	(³)	(³)	...	(³)	1	(³)	1	(³)	...	...	...	35
3	(³)	2	(³)	...	1	(³)	(³)	(³)	(³)	...	(³)	37
19	19	(³)	...	...	18	14	...	...	...	...	...	2621
196	...	(³)	...	...	196	...	...	...	...	...	...	2812
6	2	(³)	...	...	5	2	1	(³)	...	...	...	2819
277	190	1	(³)	...	267	184	59	1	...	...	7	2911
7	1	3	(³)	(³)	2	(³)	(³)	2	(³)	(³)	1	
1	...	(³)	(³)	(³)	1	...	...	...	(³)	...	(³)	20
3	...	...	(³)	(³)	...	...	...	...	(³)	...	...	33
3	(³)	2	(³)	...	(³)	...	...	1	...	...	...	3331
23	3	1	(³)	(³)	22	2	2	(³)	...	(³)	(³)	
5	2	(³)	(³)	(³)	4	(³)	2	...	...	...	(³)	20
284	147	43	4	5	126	103	46	13	4	(³)	2	
42	6	21	2	1	14	(³)	3	7	1	(³)	1	20
15	27	1	(³)	(³)	13	4	1	(³)	(³)	(³)	(³)	24
25	9	6	1	1	19	8	...	(³)	...	(³)	(³)	26
25	12	3	1	(³)	21	11	2	(³)	...	(³)	(³)	28
136	87	1	1	(³)	132	79	31	3	3	...	(³)	29
1	...	1	(³)	(³)	(³)	...	(³)	(³)	...	...	(³)	30
18	2	1	(³)	(³)	15	1	(³)	2	(³)	...	(³)	32
9	2	1	(³)	(³)	8	...	6	(³)	...	...	...	33
1	(³)	(³)	...	(³)	(³)	(³)	...	(³)	...	...	...	34
(³)	(³)	(³)	...	(³)	(³)	(³)	...	(³)	...	...	...	35
1	(³)	1	...	(³)	...	...	...	(³)	...	(³)	(³)	36
9	2	5	1	(³)	4	...	2	(³)	...	(³)	...	37
(³)	(³)	(³)	...	(³)	...	...	...	(³)	...	...	...	38
2	(³)	2	...	(³)	(³)	...	...	(³)	...	...	...	39
10	1	8	(³)	1	1	(³)	1	1	(³)	...	(³)	2033
7	2	(³)	(³)	(³)	2	(³)	1	5	1	(³)	(³)	2063
13	27	1	(³)	(³)	12	4	1	(³)	(³)	(³)	(³)	2421
14	8	4	(³)	1	10	7	...	...	...	...	...	2631
8	1	1	(³)	(³)	8	10	2	(³)	...	...	...	2819
135	87	1	1	(³)	132	79	31	3	3	...	...	2911
446	64	43	7	5	386	24	142	10	1	2	5	
23	7	8	1	1	14	5	3	1	(³)	...	1	20
104	3	4	(³)	2	96	(³)	19	1	...	...	3	24
248	34	21	(³)	...	225	7	111	2	...	...	...	26
22	1	(³)	(³)	(³)	20	1	...	(³)	(³)	...	1	28
2	2	(³)	...	...	2	2	...	(³)	...	...	...	29
2	(³)	(³)	...	...	2	...	...	(³)	...	(³)	...	32
43	17	8	6	1	28	9	9	6	(³)	2	(³)	33
3	...	2	...	...	1	...	...	...	...	...	(³)	37
10	3	...	...	...	10	2	3	...	...	...	(³)	2063
93	2	4	(³)	2	86	...	17	1	...	...	(³)	2421
10	(³)	(³)	(³)	...	9	...	2	(³)	...	...	(³)	2432
85	12	(³)	(³)	...	84	...	57	(³)	...	...	...	2611
127	84	21	(³)	...	106	6	40	(³)	...	...	...	2621
34	6	(³)	(³)	...	33	2	15	1	...	...	...	2631
16	7	7	6	1	8	...	8	(³)	...	...	(³)	3334
16	9	2	(³)	...	14	9	(³)	(³)	...	...	...
1	...	1	...	...	...	...	...	...	...	...	...	20
74	12	2	1	(³)	55	1	2	2	(³)	...	15	
53	4	(³)	...	...	36	(³)	2	2	(³)	...	15	2061

²Includes quantities not treated or for which no information on treatment reported.³Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 6.--Quantity of Water Used by Manufacturing Establishments by

(Represents data only for establishments whose

Code	State and industry	1959						
		All employees, number, reporting water consumption of--		Value added by manufacture ¹ , reporting water consumption of--		Water intake by purpose		
						All purposes		Process (billion gallons)
		Less than 20 million gallons (1,000)	20 million gallons or more (1,000)	Less than 20 million gallons (million dollars)	20 million gallons or more (million dollars)	Total (billion gallons)	Treated prior to use (billion gallons)	
	United States, total ³	xxx	xxx	xxx	xxx	12,175	1,921	3,137
	Alabama.....	131	96	1,100	1,085	231	62	68
20	Food and kindred products.....	17	3	138	20	2	(⁴)	1
22	Textile mill products.....	22	19	99	113	4	3	3
24	Lumber and wood products.....	21	1	72	5	1	(⁴)	(⁴)
26	Paper and allied products.....	3	7	19	102	102	48	42
28	Chemicals and allied products.....	2	6	25	130	40	7	3
30	Rubber and plastics products, nec.....	(⁵)	6	2	95	6	(⁴)	1
32	Stone, clay and glass products.....	(S)	(S)	(S)	(S)	1	(⁴)	1
33	Primary metal industries.....	(S)	(S)	(S)	(S)	72	3	17
37	Transportation equipment.....	4	12	31	84	1	1	(⁴)
	Arizona.....	26	19	224	185	12	4	7
20	Food and kindred products.....	5	1	56	15	1	1	(⁴)
33	Primary metal industries.....	1	4	12	29	10	4	7
	Arkansas.....	72	24	433	282	37	23	26
20	Food and kindred products.....	14	3	113	22	1	(⁴)	1
24	Lumber and wood products.....	19	5	72	26	1	1	(⁴)
26	Paper and allied products.....	1	5	11	77	25	19	23
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	4	1	1
	California.....	768	492	7,654	5,563	319	60	77
20	Food and kindred products.....	94	61	1,186	829	49	7	22
24	Lumber and wood products.....	43	12	390	104	15	1	4
26	Paper and allied products.....	20	6	220	95	24	10	15
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	33	9	9
29	Petroleum and coal products.....	(S)	(S)	(S)	(S)	150	16	5
30	Rubber and plastics products, nec.....	17	10	160	122	1	(⁴)	(⁴)
32	Stone, clay and glass products.....	31	14	324	238	21	9	14
33	Primary metal industries.....	28	23	271	305	11	5	4
34	Fabricated metal products.....	77	9	845	122	1	(⁴)	(⁴)
35	Machinery, except electrical.....	76	11	807	107	1	(⁴)	(⁴)
36	Electrical machinery.....	85	20	759	261	1	(⁴)	(⁴)
37	Transportation equipment.....	76	194	681	1,624	10	3	3
38	Instruments and related products.....	19	4	175	51	1	(⁴)	(⁴)
	Colorado.....	47	33	454	400	46	3	30
20	Food and kindred products.....	14	4	135	60	14	1	5
28	Chemicals and allied products.....	1	1	11	24	2	(⁴)	(⁴)
29	Petroleum and coal products.....	(⁵)	(⁵)	6	8	1	1	(⁴)
	Connecticut.....	177	188	1,432	1,991	154	11	41
20	Food and kindred products.....	11	3	88	56	1	(⁴)	(⁴)
22	Textile mill products.....	9	6	73	51	3	1	1
26	Paper and allied products.....	5	4	42	44	11	3	9
28	Chemicals and allied products.....	4	5	46	109	29	2	2
30	Rubber and plastics products, nec.....	6	10	52	111	7	(⁴)	(⁴)
33	Primary metal industries.....	9	18	87	224	23	3	8
34	Fabricated metal products.....	27	18	248	153	3	(⁴)	1
35	Machinery, except electrical.....	(S)	(S)	(S)	(S)	3	1	1
36	Electrical machinery.....	25	12	224	142	2	(⁴)	1
37	Transportation equipment.....	(S)	(S)	(S)	(S)	66	1	15
39	Miscellaneous manufactures, incl. ordnance.	4	13	30	142	5	(⁴)	2
	Delaware.....	19	22	156	364	158	14	6
20	Food and kindred products.....	5	2	41	13	1	(⁴)	1
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	28	10	1
	Florida.....	142	46	955	689	235	63	73
20	Food and kindred products.....	24	14	183	175	30	1	4
26	Paper and allied products.....	5	8	50	138	142	57	57
28	Chemicals and allied products.....	6	11	78	199	54	4	10
32	Stone, clay and glass products.....	12	2	93	32	8	(⁴)	2

See footnotes at end of table.

Purpose of Industrial Use for States, by Industry Group: 1959 and 1954

water intake is 20 million gallons or more)

1959--Continued						1954				Code
Water intake by purpose-- Continued		Establishments, number		Gross water used, including recirculation or reuse ² (billion gallons)	Total water discharged (billion gallons)	Total water				
Cooling, condensing, and air- conditioning (billion gallons)	Boiler feed, etc. (billion gallons)	Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)		
8,117	922	7,720	^r 5,520	26,621	11,449	11,570	21,042	10,789		
147	16	142	97	564	208	165	411	152		
1	(⁴)	14	8	2	1	(NA)	(NA)	(NA)	20	
(⁴)	1	25	14	5	3	(NA)	(NA)	(NA)	22	
(⁴)	1	5	2	2	1	(NA)	(NA)	(NA)	24	
57	4	10	9	238	99	(NA)	(NA)	(NA)	26	
34	2	24	19	56	35	(NA)	(NA)	(NA)	28	
4	(⁴)	5	4	8	6	(NA)	(NA)	(NA)	30	
1	(⁴)	12	8	6	1	(NA)	(NA)	(NA)	32	
48	7	32	26	244	59	(NA)	(NA)	(NA)	33	
1	(⁴)	4	2	1	1	(NA)	(NA)	(NA)	37	
3	2	22	22	105	5	8	41	6		
(⁴)	(⁴)	7	7	2	(⁴)	(NA)	(NA)	(NA)	20	
2	1	8	8	97	3	(NA)	(NA)	(NA)	33	
8	4	54	38	364	33	24	131	18		
(⁴)	(⁴)	17	10	2	1	(NA)	(NA)	(NA)	20	
(⁴)	(⁴)	9	7	2	1	(NA)	(NA)	(NA)	24	
1	1	6	4	280	24	(NA)	(NA)	(NA)	26	
3	1	6	6	12	2	(NA)	(NA)	(NA)	28	
205	36	483	378	1,183	277	318	809	255		
20	7	185	138	94	42	(NA)	(NA)	(NA)	20	
6	5	28	18	26	11	(NA)	(NA)	(NA)	24	
8	1	25	25	181	22	(NA)	(NA)	(NA)	26	
21	3	50	44	124	25	(NA)	(NA)	(NA)	28	
134	11	22	21	555	136	(NA)	(NA)	(NA)	29	
1	(⁴)	10	10	8	1	(NA)	(NA)	(NA)	30	
6	1	45	28	37	18	(NA)	(NA)	(NA)	32	
5	2	26	21	101	8	(NA)	(NA)	(NA)	33	
(⁴)	(⁴)	15	13	3	1	(NA)	(NA)	(NA)	34	
(⁴)	(⁴)	8	6	2	(⁴)	(NA)	(NA)	(NA)	35	
(⁴)	(⁴)	14	10	1	1	(NA)	(NA)	(NA)	36	
2	4	36	27	35	9	(NA)	(NA)	(NA)	37	
(⁴)	1	4	3	1	(⁴)	(NA)	(NA)	(NA)	38	
12	3	41	32	96	40	34	64	18		
8	1	19	15	20	13	(NA)	(NA)	(NA)	20	
1	(⁴)	5	2	5	1	(NA)	(NA)	(NA)	28	
(⁴)	(⁴)	4	4	15	(⁴)	(NA)	(NA)	(NA)	29	
103	10	179	123	201	128	156	185	145		
(⁴)	(⁴)	12	8	1	1	(NA)	(NA)	(NA)	20	
2	1	12	6	4	3	(NA)	(NA)	(NA)	22	
(⁴)	1	19	17	35	9	(NA)	(NA)	(NA)	26	
26	1	8	7	35	27	(NA)	(NA)	(NA)	28	
6	(⁴)	12	10	12	7	(NA)	(NA)	(NA)	30	
13	3	31	20	30	23	(NA)	(NA)	(NA)	33	
1	1	20	12	3	3	(NA)	(NA)	(NA)	34	
1	1	16	12	3	3	(NA)	(NA)	(NA)	35	
(⁴)	1	13	7	3	2	(NA)	(NA)	(NA)	36	
51	1	12	9	67	45	(NA)	(NA)	(NA)	37	
3	(⁴)	14	6	5	5	(NA)	(NA)	(NA)	39	
148	4	38	27	188	155	47	60	44		
(⁴)	1	12	4	1	1	(NA)	(NA)	(NA)	20	
25	1	6	5	33	28	(NA)	(NA)	(NA)	28	
150	12	99	63	589	222	170	379	143		
24	2	52	33	48	29	(NA)	(NA)	(NA)	20	
79	6	11	11	417	139	(NA)	(NA)	(NA)	26	
40	3	20	13	108	45	(NA)	(NA)	(NA)	28	
5	(⁴)	7	2	8	7	(NA)	(NA)	(NA)	32	

MANUFACTURES—SUMMARY STATISTICS

Table 6.--Quantity of Water Used by Manufacturing Establishments by Purpose

(Represents data only for establishments whose

Code	State and industry	1959						
		All employees, number, reporting water consumption of--		Value added by manufacture ¹ , reporting water consumption of--		Water intake by purpose		
						All purposes		Process
		Less than 20 million gallons (1,000)	20 million gallons or more (1,000)	Less than 20 million gallons (million dollars)	20 million gallons or more (million dollars)	Total (billion gallons)	Treated prior to use (billion gallons)	
	Georgia.....	205	116	1,352	1,130	183	51	97
20	Food and kindred products.....	27	15	240	152	7	1	2
22	Textile mill products.....	45	53	246	292	15	7	9
26	Paper and allied products.....	8	10	57	207	123	40	81
28	Chemicals and allied products.....	6	4	72	76	25	3	3
32	Stone, clay and glass products.....	7	3	47	39	6	(*)	(*)
37	Transportation equipment.....	(S)	(S)	(S)	(S)	2	(*)	(*)
	Hawaii and Alaska.....	13	16	116	143	84	12	19
	Idaho.....	18	10	166	118	46	2	26
20	Food and kindred products.....	4	4	41	41	13	(*)	9
24	Lumber and wood products.....	7	3	60	28	11	1	2
	Illinois.....	700	486	7,286	6,038	588	41	144
20	Food and kindred products.....	76	51	844	850	50	8	11
22	Textile mill products.....	6	2	49	14	1	(*)	(*)
26	Paper and allied products.....	26	7	234	74	17	8	10
27	Printing and publishing.....	72	23	769	217	7	(*)	3
28	Chemicals and allied products.....	23	25	377	589	39	8	5
29	Petroleum and coal products.....	3	11	35	186	72	7	2
30	Rubber and plastics products, nec.....	16	7	127	75	3	1	(*)
31	Leather and leather products.....	(S)	(S)	(S)	(S)	1	(*)	1
32	Stone, clay and glass products.....	23	18	251	226	40	2	3
33	Primary metal industries.....	27	69	269	773	333	3	98
34	Fabricated metal products.....	79	53	774	559	6	(*)	3
35	Machinery, except electrical.....	88	89	933	1,029	17	3	2
36	Electrical machinery.....	107	75	1,325	801	5	1	3
37	Transportation equipment.....	14	31	183	383	4	1	1
38	Instruments and related products.....	15	13	201	147	2	(*)	1
	Indiana.....	268	306	2,483	4,024	638	50	173
20	Food and kindred products.....	26	22	214	324	30	6	7
26	Paper and allied products.....	8	4	59	57	10	2	6
28	Chemicals and allied products.....	7	15	100	406	36	6	1
29	Petroleum and coal products.....	(S)	(S)	(S)	(S)	95	2	21
30	Rubber and plastics products, nec.....	4	14	30	131	4	(*)	(*)
32	Stone, clay and glass products.....	16	11	156	126	17	2	1
33	Primary metal industries.....	15	73	129	974	424	26	128
34	Fabricated metal products.....	27	14	248	143	2	(*)	1
35	Machinery, except electrical.....	35	18	360	231	2	1	1
36	Electrical machinery.....	30	50	413	592	7	1	4
37	Transportation equipment.....	18	72	160	882	12	4	3
	Iowa.....	(S)	(S)	(S)	(S)	93	17	15
20	Food and kindred products.....	23	32	253	391	40	8	6
26	Paper and allied products.....	2	1	24	10	2	1	1
28	Chemicals and allied products.....	2	3	42	65	5	(*)	1
32	Stone, clay and glass products.....	(S)	(S)	(S)	(S)	8	(*)	2
35	Machinery, except electrical.....	13	22	124	247	16	(*)	1
	Kansas.....	61	60	420	767	50	22	6
20	Food and kindred products.....	13	9	96	98	7	(*)	2
28	Chemicals and allied products.....	1	5	14	124	23	15	1
29	Petroleum and coal products.....	(S)	(S)	(S)	(S)	10	4	1
32	Stone, clay and glass products.....	3	3	39	53	3	(*)	1
37	Transportation equipment.....	6	35	51	299	2	(*)	1
	Kentucky.....	95	75	724	1,286	103	20	22
20	Food and kindred products.....	15	13	161	241	13	2	3
28	Chemicals and allied products.....	4	6	61	193	50	12	4
33	Primary metal industries.....	1	8	12	98	18	2	12
34	Fabricated metal products.....	(S)	(S)	(S)	(S)	1	(*)	1
35	Machinery, except electrical.....	6	8	57	109	2	(*)	1
	Louisiana.....	78	58	673	909	714	57	67
20	Food and kindred products.....	24	8	188	83	29	3	2
26	Paper and allied products.....	4	12	23	159	55	32	46
28	Chemicals and allied products.....	4	13	110	293	263	11	10
29	Petroleum and coal products.....	(S)	(S)	(S)	(S)	216	10	6

See footnotes at end of table.

of Industrial Use for States, by Industry Group: 1959 and 1954--Continued

water intake is 20 million gallons or more)

1959--Continued						1954			
Water intake by purpose-- Continued		Establishments, number		Gross water used, including recirculation or reuse ²	Total water discharged	Total water			Code
Cooling, condensing, and air- conditioning (billion gallons)	Boiler feed, etc. (billion gallons)	Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)	
72	14	160	121	659	168	128	275	122	
3	1	41	29	12	6	(NA)	(NA)	(NA)	20
3	2	59	46	27	13	(NA)	(NA)	(NA)	22
38	4	14	14	547	121	(NA)	(NA)	(NA)	26
21	1	15	7	41	23	(NA)	(NA)	(NA)	28
6	(4)	8	7	6	1	(NA)	(NA)	(NA)	32
(4)	1	7	7	15	1	(NA)	(NA)	(NA)	37
49	5	44	31	136	74	(NA)	(NA)	(NA)	
15	4	32	25	58	43	29	44	28	
2	1	20	14	19	13	(NA)	(NA)	(NA)	20
8	2	6	5	12	11	(NA)	(NA)	(NA)	24
383	62	536	371	1,360	550	699	1,054	652	
31	7	113	88	84	44	(NA)	(NA)	(NA)	20
(4)	(4)	6	4	1	1	(NA)	(NA)	(NA)	22
6	1	24	19	38	15	(NA)	(NA)	(NA)	26
4	1	12	4	9	6	(NA)	(NA)	(NA)	27
30	4	64	47	102	35	(NA)	(NA)	(NA)	28
65	5	16	13	326	66	(NA)	(NA)	(NA)	29
(4)	(4)	15	9	4	3	(NA)	(NA)	(NA)	30
(4)	(4)	5	3	1	1	(NA)	(NA)	(NA)	31
24	4	22	12	54	30	(NA)	(NA)	(NA)	32
204	31	66	45	664	315	(NA)	(NA)	(NA)	33
2	2	69	39	11	6	(NA)	(NA)	(NA)	34
11	3	51	39	28	16	(NA)	(NA)	(NA)	35
1	2	36	23	20	5	(NA)	(NA)	(NA)	36
1	2	22	13	13	4	(NA)	(NA)	(NA)	37
1	(4)	8	7	2	2	(NA)	(NA)	(NA)	38
431	34	287	202	987	629	699	962	682	
20	3	48	37	44	27	(NA)	(NA)	(NA)	20
3	1	16	15	16	9	(NA)	(NA)	(NA)	26
33	2	26	18	65	35	(NA)	(NA)	(NA)	28
71	2	6	4	215	92	(NA)	(NA)	(NA)	29
3	1	16	12	6	4	(NA)	(NA)	(NA)	30
13	2	21	13	18	16	(NA)	(NA)	(NA)	32
279	18	40	26	573	423	(NA)	(NA)	(NA)	33
1	(4)	23	14	4	2	(NA)	(NA)	(NA)	34
1	1	18	11	4	2	(NA)	(NA)	(NA)	35
2	1	23	18	12	6	(NA)	(NA)	(NA)	36
6	3	44	32	28	10	(NA)	(NA)	(NA)	37
71	7	92	63	185	89	73	102	66	
30	4	39	30	62	38	(NA)	(NA)	(NA)	20
(4)	(4)	4	3	2	1	(NA)	(NA)	(NA)	26
3	(4)	10	5	7	4	(NA)	(NA)	(NA)	28
7	(4)	8	4	61	8	(NA)	(NA)	(NA)	32
14	1	13	8	20	16	(NA)	(NA)	(NA)	35
36	8	64	53	246	40	49	147	39	
3	1	16	15	12	6	(NA)	(NA)	(NA)	20
19	2	16	11	72	21	(NA)	(NA)	(NA)	28
7	3	11	11	148	5	(NA)	(NA)	(NA)	29
3	(4)	9	6	5	3	(NA)	(NA)	(NA)	32
1	(4)	5	4	3	2	(NA)	(NA)	(NA)	37
71	9	113	85	232	99	128	206	115	
8	2	48	41	26	11	(NA)	(NA)	(NA)	20
43	3	16	11	131	48	(NA)	(NA)	(NA)	28
3	2	8	4	30	17	(NA)	(NA)	(NA)	33
(4)	(4)	7	4	1	1	(NA)	(NA)	(NA)	34
(4)	(4)	4	4	5	2	(NA)	(NA)	(NA)	35
620	26	120	79	1,483	692	642	1,238	611	
26	2	35	15	32	28	(NA)	(NA)	(NA)	20
6	3	13	11	187	52	(NA)	(NA)	(NA)	26
246	8	35	26	480	256	(NA)	(NA)	(NA)	28
205	5	13	11	621	208	(NA)	(NA)	(NA)	29

MANUFACTURES—SUMMARY STATISTICS

Table 6.—Quantity of Water Used by Manufacturing Establishments by Purpose

(Represents data only for establishments whose

Code	State and industry	1959						
		All employees, number, reporting water consumption of--		Value added by manufacture ¹ , reporting water consumption of--		Water intake by purpose		
		Less than 20 million gallons (1,000)	20 million gallons or more (1,000)	Less than 20 million gallons (million dollars)	20 million gallons or more (million dollars)	All purposes	Process	
						Total (billion gallons)	Treated prior to use (billion gallons)	(billion gallons)
	Maine.....	66	34	191	517	138	98	99
20	Food and kindred products.....	7	4	59	25	2	(*)	1
22	Textile mill products.....	(S)	(S)	(S)	(S)	124	1	2
26	Paper and allied products.....	2	15	19	270	124	95	89
31	Leather and leather products.....	23	1	105	5	1	...	1
	Maryland.....	126	128	1,137	1,516	277	51	42
20	Food and kindred products.....	19	15	151	177	13	(*)	3
28	Chemicals and allied products.....	6	8	63	155	38	13	2
30	Rubber and plastics products, nec.....	2	7	12	72	5	1	2
32	Stone, clay and glass products.....	4	5	41	82	4	(*)	(*)
33	Primary metal industries.....	1	32	40	395	174	27	24
34	Fabricated metal products.....	10	4	97	53	1	(*)	(*)
36	Electrical machinery.....	11	8	99	78	1	(*)	(*)
37	Transportation equipment.....	3	36	24	387	3	(*)	1
	Massachusetts.....	470	226	3,671	2,198	189	26	71
20	Food and kindred products.....	34	12	294	119	14	(*)	1
22	Textile mill products.....	36	18	261	119	9	2	5
26	Paper and allied products.....	21	15	172	144	58	21	47
28	Chemicals and allied products.....	11	7	168	115	15	(*)	6
30	Rubber and plastics products, nec.....	15	22	111	203	15	(*)	1
31	Leather and leather products.....	60	3	345	26	2	(*)	1
32	Stone, clay and glass products.....	7	5	57	67	2	(*)	(*)
33	Primary metal industries.....	10	14	94	125	8	(*)	3
34	Fabricated metal products.....	31	12	259	147	2	(*)	1
35	Machinery, except electrical.....	41	29	401	242	29	(*)	1
36	Electrical machinery.....	51	36	514	303	11	(*)	1
37	Transportation equipment.....	4	20	37	185	1	(*)	(*)
38	Instruments and related products.....	12	10	116	143	5	(*)	(*)
39	Miscellaneous manufactures, incl. ordnance.	(S)	(S)	(S)	(S)	4	1	2
	Michigan.....	322	497	3,688	6,575	811	59	184
20	Food and kindred products.....	36	23	351	340	12	1	6
26	Paper and allied products.....	11	18	105	198	95	31	55
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	241	11	14
29	Petroleum and coal products.....	1	2	14	47	18	1	3
30	Rubber and plastics products, nec.....	7	9	66	110	16	(*)	5
32	Stone, clay and glass products.....	11	8	121	106	64	(*)	3
33	Primary metal industries.....	26	52	356	677	257	1	75
34	Fabricated metal products.....	56	28	547	310	6	(*)	3
35	Machinery, except electrical.....	87	51	967	610	11	4	1
36	Electrical machinery.....	18	14	199	166	2	(*)	1
37	Transportation equipment.....	(S)	(S)	(S)	(S)	86	8	20
	Minnesota.....	125	91	1,104	1,151	98	17	62
20	Food and kindred products.....	44	24	288	300	21	4	8
26	Paper and allied products.....	5	8	44	117	48	8	38
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	2	1	1
	Mississippi.....	82	28	433	278	66	31	30
20	Food and kindred products.....	12	1	81	15	1	(*)	(*)
22	Textile mill products.....	(S)	(S)	(S)	(S)	1	(*)	(*)
26	Paper and allied products.....	(S)	(S)	(S)	(S)	37	30	27
28	Chemicals and allied products.....	1	3	14	49	18	1	2
	Missouri.....	256	122	2,118	1,594	75	12	27
20	Food and kindred products.....	32	19	313	275	17	2	4
28	Chemicals and allied products.....	11	8	153	179	20	5	6
32	Stone, clay and glass products.....	7	7	73	103	8	1	2
33	Primary metal industries.....	9	6	89	68	13	(*)	12
35	Machinery, except electrical.....	16	6	174	58	1	..	(*)
36	Electrical machinery.....	13	10	113	83	1	(*)	1
37	Transportation equipment.....	(S)	(S)	(S)	(S)	3	1	1
	Montana.....	12	7	124	103	43	3	18
20	Food and kindred products.....	3	1	40	11	4	1	3
33	Primary metal industries.....	(S)	(S)	(S)	(S)	18	(*)	11
	Nebraska.....	36	24	287	270	23	8	6
20	Food and kindred products.....	12	16	91	174	12	1	5

See footnotes at end of table.

INDUSTRIAL WATER USE

11-59

of Industrial Use for States, by Industry Group: 1959 and 1954--Continued

water intake is 20 million gallons or more)

1959--Continued						1954			Code
Water intake by purpose-- Continued		Establishments, number		Gross water used, including recirculation or reuse ² (billion gallons)	Total water discharged (billion gallons)	Total water			
Cooling condensing, and air- conditioning (billion gallons)	Boiler feed, etc. (billion gallons)	Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)	
24	14	59	39	281	135	154	308	143	
1	(4)	16	7	3	2	(NA)	(NA)	(NA)	20
1	(4)	11	6	3	2	(NA)	(NA)	(NA)	22
22	14	20	19	266	122	(NA)	(NA)	(NA)	26
(4)	(4)	3	...	1	1	(NA)	(NA)	(NA)	31
223	12	121	86	398	266	264	316	245	
9	2	39	29	16	12	(NA)	(NA)	(NA)	20
34	2	19	12	43	36	(NA)	(NA)	(NA)	28
2	(4)	7	6	7	4	(NA)	(NA)	(NA)	30
3	1	12	9	4	4	(NA)	(NA)	(NA)	32
147	4	8	7	250	169	(NA)	(NA)	(NA)	33
(4)	(4)	6	3	1	(4)	(NA)	(NA)	(NA)	34
(4)	(4)	4	2	1	1	(NA)	(NA)	(NA)	36
1	2	10	6	6	3	(NA)	(NA)	(NA)	37
98	20	284	165	264	169	212	285	181	
11	1	29	17	17	14	(NA)	(NA)	(NA)	20
2	2	33	8	10	7	(NA)	(NA)	(NA)	22
5	6	51	38	106	45	(NA)	(NA)	(NA)	26
8	1	20	11	18	14	(NA)	(NA)	(NA)	28
12	2	28	21	20	15	(NA)	(NA)	(NA)	30
(4)	(4)	8	4	2	2	(NA)	(NA)	(NA)	31
1	1	5	3	3	2	(NA)	(NA)	(NA)	32
4	1	22	12	9	8	(NA)	(NA)	(NA)	33
2	(4)	13	6	2	2	(NA)	(NA)	(NA)	34
27	1	18	10	34	27	(NA)	(NA)	(NA)	35
9	1	18	9	18	11	(NA)	(NA)	(NA)	36
(4)	(4)	9	5	2	1	(NA)	(NA)	(NA)	37
4	(4)	7	6	5	5	(NA)	(NA)	(NA)	38
1	1	13	8	5	4	(NA)	(NA)	(NA)	39
523	103	452	322	1,231	784	678	869	659	
4	3	65	48	19	11	(NA)	(NA)	(NA)	20
35	5	45	40	244	91	(NA)	(NA)	(NA)	26
199	27	49	32	278	232	(NA)	(NA)	(NA)	28
15	1	8	6	38	16	(NA)	(NA)	(NA)	29
10	1	10	6	17	16	(NA)	(NA)	(NA)	30
61	1	16	12	68	62	(NA)	(NA)	(NA)	32
179	4	48	31	375	254	(NA)	(NA)	(NA)	33
2	1	42	23	7	6	(NA)	(NA)	(NA)	34
5	5	36	24	22	11	(NA)	(NA)	(NA)	35
1	(4)	11	7	4	2	(NA)	(NA)	(NA)	36
13	54	102	78	155	83	(NA)	(NA)	(NA)	37
38	9	123	81	172	92	79	127	73	
8	4	59	44	31	19	(NA)	(NA)	(NA)	20
7	2	10	9	85	45	(NA)	(NA)	(NA)	26
2	(4)	6	3	11	2	(NA)	(NA)	(NA)	28
31	6	49	40	153	59	53	118	49	
1	(4)	10	7	1	1	(NA)	(NA)	(NA)	20
(4)	(4)	5	3	1	1	(NA)	(NA)	(NA)	22
8	3	6	6	82	34	(NA)	(NA)	(NA)	26
14	2	12	10	53	15	(NA)	(NA)	(NA)	28
33	13	130	96	186	66	79	242	69	
8	5	38	25	24	15	(NA)	(NA)	(NA)	20
11	2	20	16	59	18	(NA)	(NA)	(NA)	28
4	1	16	11	20	7	(NA)	(NA)	(NA)	32
1	(4)	9	7	18	13	(NA)	(NA)	(NA)	33
1	(4)	4	3	1	1	(NA)	(NA)	(NA)	35
(4)	(4)	8	6	3	1	(NA)	(NA)	(NA)	36
1	1	11	11	9	3	(NA)	(NA)	(NA)	37
22	3	26	22	82	37	31	47	28	
1	(4)	6	5	5	4	(NA)	(NA)	(NA)	20
6	1	10	9	27	14	(NA)	(NA)	(NA)	33
14	3	45	39	35	22	17	33	16	
4	3	33	30	20	12	(NA)	(NA)	(NA)	20

MANUFACTURES—SUMMARY STATISTICS

Table 6.—Quantity of Water Used by Manufacturing Establishments by Purpose

(Represents data only for establishments whose

Code	State and industry	1959						
		All employees, number reporting water consumption of--		Value added by manufacture ¹ , reporting water consumption of--		Water intake by purpose		
		Less than 20 million gallons (1,000)	20 million gallons or more (1,000)	Less than 20 million gallons (million dollars)	20 million gallons or more (million dollars)	All purposes		Process (billion gallons)
						Total (billion gallons)	Treated prior to use (billion gallons)	
	Nevada.....	3	2	34	29	5	(⁴)	1
	New Hampshire.....	67	17	429	152	54	3	39
22	Textile mill products.....	8	6	55	35	6	2	5
26	Paper and allied products.....	1	5	16	49	46	1	33
31	Leather and leather products.....	21	1	103	8	1	(⁴)	1
	New Jersey.....	491	294	4,448	3,930	431	46	76
20	Food and kindred products.....	31	29	347	497	20	4	7
22	Textile mill products.....	25	8	178	72	9	2	3
26	Paper and allied products.....	20	9	183	114	55	11	16
28	Chemicals and allied products.....	29	51	562	1,068	139	17	12
29	Petroleum and coal products.....	2	9	37	116	238	7	20
30	Rubber and plastics products, nec.....	14	11	123	93	4	(⁴)	1
31	Leather and leather products.....	11	1	63	9	1	(⁴)	(⁴)
32	Stone, clay and glass products.....	17	17	143	186	12	1	8
33	Primary metal industries.....	13	23	142	247	42	2	7
34	Fabricated metal products.....	38	15	368	192	2	(⁴)	(⁴)
35	Machinery, except electrical.....	45	12	432	146	6	(⁴)	(⁴)
36	Electrical machinery.....	68	47	701	448	23	1	1
37	Transportation equipment.....	11	41	99	520	4	1	1
38	Instruments and related products.....	19	14	206	146	2	(⁴)	(⁴)
	New Mexico.....	13	1	111	7	2	(⁴)	1
	New York.....	1,273	544	10,296	6,615	618	88	173
20	Food and kindred products.....	(S)	(S)	(S)	(S)	42	2	8
22	Textile mill products.....	50	12	374	104	4	1	2
26	Paper and allied products.....	41	26	359	264	151	34	77
27	Printing and publishing.....	157	23	1,921	254	1	(⁴)	(⁴)
28	Chemicals and allied products.....	29	37	434	820	139	33	8
30	Rubber and plastics products, nec.....	20	9	147	88	5	1	1
31	Leather and leather products.....	57	2	323	17	1	(⁴)	1
32	Stone, clay and glass products.....	20	23	210	262	16	4	3
33	Primary metal industries.....	24	50	204	612	153	3	57
34	Fabricated metal products.....	84	10	1,784	94	1	(⁴)	1
35	Machinery, except electrical.....	66	64	653	635	42	1	3
36	Electrical machinery.....	85	68	714	692	8	(⁴)	2
37	Transportation equipment.....	14	78	153	897	14	(⁴)	4
38	Instruments and related products.....	37	54	330	762	11	7	7
39	Miscellaneous manufactures, incl. ordnance	88	31	622	331	3	(⁴)	(⁴)
	North Carolina.....	327	155	1,887	1,702	97	69	77
20	Food and kindred products.....	29	4	204	45	1	(⁴)	(⁴)
21	Tobacco products.....	(S)	(S)	(S)	(S)	2	(⁴)	1
22	Textile mill products.....	129	91	649	547	22	13	17
26	Paper and allied products.....	3	8	26	86	57	48	52
28	Chemicals and allied products.....	4	8	73	127	11	6	5
	North Dakota and South Dakota.....	19	1	114	81	4	1	1
	Ohio.....	597	639	6,046	8,015	1,064	70	222
20	Food and kindred products.....	60	25	594	354	13	3	4
22	Textile mill products.....	7	3	50	35	4	(⁴)	(⁴)
26	Paper and allied products.....	23	14	227	172	40	13	24
27	Printing and publishing.....	50	12	455	121	1	(⁴)	1
28	Chemicals and allied products.....	22	26	321	513	135	18	14
29	Petroleum and coal products.....	2	6	28	131	63	4	3
30	Rubber and plastics products, nec.....	24	57	202	643	39	4	3
32	Stone, clay and glass products.....	39	28	336	396	22	1	4
33	Primary metal industries.....	(S)	(S)	(S)	(S)	705	18	155
34	Fabricated metal products.....	92	39	1,044	392	5	(⁴)	2
35	Machinery, except electrical.....	103	61	1,036	673	6	(⁴)	1
36	Electrical machinery.....	50	70	592	806	13	2	4
37	Transportation equipment.....	(S)	(S)	(S)	(S)	18	6	5
	Oklahoma.....	55	25	475	300	15	6	3
20	Food and kindred products.....	11	4	98	31	2	(⁴)	1
29	Petroleum and coal products.....	(⁵)	6	2	98	10	5	(⁴)

See footnotes at end of table.

INDUSTRIAL WATER USE

11-61

of Industrial Use for States, by Industry Group: 1959 and 1954--Continued

water intake is 20 million gallons or more)

1959--Continued						1954			Code
Water intake by purpose-- Continued		Establishments, number		Gross water used, including recirculation or reuse ² (billion gallons)	Total water discharged (billion gallons)	Total water			
Cooling condensing, and air- conditioning (billion gallons)	Boiler feed, etc. (billion gallons)	Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)	
4	(⁴)	7	6	13	2	9	13	6	
11	4	40	22	64	41	28	37	25	
(⁴)	1	13	5	6	6	(NA)	(NA)	(NA)	22
10	3	15	10	55	34	(NA)	(NA)	(NA)	26
(⁴)	(⁴)	4	1	1	1	(NA)	(NA)	(NA)	31
324	31	382	288	1,070	415	438	882	415	
10	3	55	35	320	19	(NA)	(NA)	(NA)	20
6	(⁴)	21	15	11	9	(NA)	(NA)	(NA)	22
38	1	37	30	158	54	(NA)	(NA)	(NA)	26
115	12	94	79	213	131	(NA)	(NA)	(NA)	28
87	5	9	7	240	110	(NA)	(NA)	(NA)	29
2	1	19	13	5	3	(NA)	(NA)	(NA)	30
(⁴)	(⁴)	3	3	1	1	(NA)	(NA)	(NA)	31
3	1	24	19	21	11	(NA)	(NA)	(NA)	32
35	1	40	31	54	40	(NA)	(NA)	(NA)	33
1	(⁴)	20	13	3	1	(NA)	(NA)	(NA)	34
5	1	11	6	7	6	(NA)	(NA)	(NA)	35
19	2	23	17	26	22	(NA)	(NA)	(NA)	36
2	1	12	9	7	4	(NA)	(NA)	(NA)	37
1	(⁴)	4	4	3	2	(NA)	(NA)	(NA)	38
(⁴)	(⁴)	4	4	14	1	(⁴)	(⁴)	(⁴)	
382	62	576	421	945	587	715	1,166	691	
29	5	144	97	52	39	(NA)	(NA)	(NA)	20
2	1	22	11	5	4	(NA)	(NA)	(NA)	22
70	5	81	71	279	145	(NA)	(NA)	(NA)	26
(⁴)	(⁴)	11	9	21	1	(NA)	(NA)	(NA)	27
118	13	64	47	196	132	(NA)	(NA)	(NA)	28
2	2	11	10	8	4	(NA)	(NA)	(NA)	30
(⁴)	(⁴)	7	2	2	1	(NA)	(NA)	(NA)	31
9	4	33	18	20	14	(NA)	(NA)	(NA)	32
79	17	48	36	192	145	(NA)	(NA)	(NA)	33
(⁴)	(⁴)	17	12	2	1	(NA)	(NA)	(NA)	34
35	4	28	23	50	41	(NA)	(NA)	(NA)	35
4	2	43	33	15	8	(NA)	(NA)	(NA)	36
4	5	31	22	21	14	(NA)	(NA)	(NA)	37
2	2	17	14	46	10	(NA)	(NA)	(NA)	38
2	1	12	9	5	3	(NA)	(NA)	(NA)	39
12	8	165	113	321	93	88	176	81	
(⁴)	(⁴)	14	10	2	1	(NA)	(NA)	(NA)	20
(⁴)	1	6	6	34	1	(NA)	(NA)	(NA)	21
1	4	106	70	36	20	(NA)	(NA)	(NA)	22
4	2	9	8	201	56	(NA)	(NA)	(NA)	26
5	1	10	6	31	10	(NA)	(NA)	(NA)	28
2	1	12	11	19	4	4	9	4	
753	90	652	469	1,790	979	1,077	1,705	1,015	
6	3	82	61	23	11	(NA)	(NA)	(NA)	20
3	(⁴)	5	4	5	4	(NA)	(NA)	(NA)	22
14	2	41	35	142	37	(NA)	(NA)	(NA)	26
(⁴)	(⁴)	7	4	1	1	(NA)	(NA)	(NA)	27
105	15	81	58	197	103	(NA)	(NA)	(NA)	28
55	5	13	13	164	53	(NA)	(NA)	(NA)	29
30	7	46	35	81	37	(NA)	(NA)	(NA)	30
14	4	45	24	201	19	(NA)	(NA)	(NA)	32
508	42	110	76	898	676	(NA)	(NA)	(NA)	33
2	1	52	32	7	4	(NA)	(NA)	(NA)	34
3	2	30	20	9	5	(NA)	(NA)	(NA)	35
7	2	49	38	16	11	(NA)	(NA)	(NA)	36
7	6	78	61	44	16	(NA)	(NA)	(NA)	37
8	4	49	41	300	9	21	387	12	
1	(⁴)	14	10	5	2	(NA)	(NA)	(NA)	20
7	3	14	13	267	5	(NA)	(NA)	(NA)	29

MANUFACTURES—SUMMARY STATISTICS

Table 6.—Quantity of Water Used by Manufacturing Establishments by Purpose

(Represents data only for establishments whose

Code	State and industry	1959						
		All employees, number, reporting water consumption of--		Value added by manufacture ¹ , reporting water consumption of--		Water intake by purpose		
						All purposes		Process (billion gallons)
		Less than 20 million gallons (1,000)	20 million gallons or more (1,000)	Less than 20 million gallons (million dollars)	20 million gallons or more (million dollars)	Total (billion gallons)	Treated prior to use (billion gallons)	
	Oregon.....	105	38	1,014	403	141	32	57
20	Food and kindred products.....	20	(⁵)	210	3	6	(⁴)	3
24	Lumber and wood products.....	56	19	505	180	64	1	17
26	Paper and allied products.....	3	4	48	71	55	31	35
33	Primary metal industries.....	2	3	21	26	6	(⁴)	1
	Pennsylvania.....	806	595	6,226	7,107	1,390	325	236
20	Food and kindred products.....	72	40	615	529	29	3	4
22	Textile mill products.....	66	13	397	73	4	2	2
26	Paper and allied products.....	20	18	169	239	75	37	45
27	Printing and publishing.....	48	16	405	174	2	1	(⁴)
28	Chemicals and allied products.....	15	31	222	667	148	14	9
29	Petroleum and coal products.....	(S)	(S)	(S)	(S)	113	12	2
30	Rubber and plastics products, nec.....	10	13	67	167	4	1	2
31	Leather and leather products.....	31	2	149	16	1	(⁴)	1
32	Stone, clay and glass products.....	33	33	307	412	38	2	7
33	Primary metal industries.....	(S)	(S)	(S)	(S)	933	250	157
34	Fabricated metal products.....	66	45	821	418	7	1	3
35	Machinery, except electrical.....	73	44	611	481	20	1	1
36	Electrical machinery.....	41	58	431	622	9	1	1
37	Transportation equipment.....	14	40	131	455	4	(⁴)	1
38	Instruments and related products.....	8	16	142	155	1	(⁴)	(⁴)
39	Miscellaneous manufactures, incl. ordnance.	53	13	425	151	1	(⁴)	(⁴)
	Rhode Island.....	92	30	642	267	18	3	10
20	Food and kindred products.....	5	2	32	20	1	1	(⁴)
22	Textile mill products.....	21	7	140	35	7	2	6
30	Rubber and plastics products, nec.....	4	7	37	37	1	(⁴)	(⁴)
33	Primary metal industries.....	3	6	27	63	4	(⁴)	2
39	Miscellaneous manufactures, incl. ordnance.	19	4	104	30	1	...	1
	South Carolina.....	143	95	862	741	89	24	39
22	Textile mill products.....	51	78	278	515	30	22	22
26	Paper and allied products.....	2	6	12	77	43	(⁴)	16
	Tennessee.....	197	99	1,388	1,128	237	58	53
20	Food and kindred products.....	23	8	182	85	10	(⁴)	2
22	Textile mill products.....	14	18	73	102	3	2	2
26	Paper and allied products.....	(S)	(S)	(S)	(S)	59	27	27
28	Chemicals and allied products.....	14	25	228	385	150	23	16
32	Stone, clay and glass products.....	(S)	(S)	(S)	(S)	6	5	3
33	Primary metal industries.....	4	8	44	108	3	1	1
34	Fabricated metal products.....	8	7	63	45	1	(⁴)	(⁴)
	Texas.....	290	187	1,767	3,869	1,253	110	284
20	Food and kindred products.....	60	17	538	204	5	1	3
22	Textile mill products.....	5	3	22	15	1	(⁴)	(⁴)
24	Lumber and wood products.....	15	3	72	15	2	(⁴)	(⁴)
26	Paper and allied products.....	(S)	(S)	(S)	(S)	28	9	24
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	926	41	229
29	Petroleum and coal products.....	(S)	(S)	(S)	(S)	205	55	19
32	Stone, clay and glass products.....	(S)	(S)	(S)	(S)	2	(⁴)	2
33	Primary metal industries.....	8	16	80	270	75	2	5
35	Machinery, except electrical.....	33	8	330	111	2	(⁴)	(⁴)
37	Transportation equipment.....	11	48	97	491	4	(⁴)	2
	Utah.....	27	12	289	172	29	7	8
20	Food and kindred products.....	6	2	57	21	5	(⁴)	2
	Vermont.....	28	7	219	53	8	1	5
26	Paper and allied products.....	2	1	18	9	7	1	4
	Virginia.....	153	108	933	1,440	282	42	79
20	Food and kindred products.....	24	8	171	76	2	(⁴)	1
21	Tobacco products.....	(S)	(S)	(S)	(S)	1	(⁴)	(⁴)
22	Textile mill products.....	16	21	92	141	8	6	5
25	Furniture and fixtures.....	12	5	86	39	1	(⁴)	(⁴)
26	Paper and allied products.....	4	7	33	120	69	15	35

See footnotes at end of table.

INDUSTRIAL WATER USE

11-63

of Industrial Use for States, by Industry Group: 1959 and 1954--Continued

water intake is 20 million gallons or more)

1959--Continued						1954			Code
Water intake by purpose-- Continued		Establishments, number		Gross water used, including recirculation or reuse ² (billion gallons)	Total water discharged (billion gallons)	Total water			
Cooling, condensing, and air- conditioning (billion gallons)	Boiler feed, etc. (billion gallons)	Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)	
66	19	103	77	246	134	106	236	98	
2	1	24	17	9	6	(NA)	(NA)	(NA)	20
41	6	47	35	80	61	(NA)	(NA)	(NA)	24
10	10	14	13	136	51	(NA)	(NA)	(NA)	26
3	3	6	4	9	6	(NA)	(NA)	(NA)	33
1,069	85	656	445	2,671	1,324	1,463	2,052	1,409	
21	4	90	63	40	26	(NA)	(NA)	(NA)	20
(4)	1	24	13	4	3	(NA)	(NA)	(NA)	22
27	2	44	38	654	67	(NA)	(NA)	(NA)	26
1	1	11	8	3	2	(NA)	(NA)	(NA)	27
131	8	66	48	203	139	(NA)	(NA)	(NA)	28
105	7	19	15	408	105	(NA)	(NA)	(NA)	29
2	1	21	17	8	4	(NA)	(NA)	(NA)	30
(4)	(4)	8	6	1	1	(NA)	(NA)	(NA)	31
28	3	70	36	66	36	(NA)	(NA)	(NA)	32
724	52	126	85	1,215	900	(NA)	(NA)	(NA)	33
3	2	57	29	10	7	(NA)	(NA)	(NA)	34
17	1	29	22	23	19	(NA)	(NA)	(NA)	35
6	2	39	28	17	9	(NA)	(NA)	(NA)	36
2	1	24	16	11	4	(NA)	(NA)	(NA)	37
(4)	(4)	10	6	1	1	(NA)	(NA)	(NA)	38
1	(4)	8	6	6	1	(NA)	(NA)	(NA)	39
6	2	58	37	23	17	29	38	25	
1	(4)	6	3	2	1	(NA)	(NA)	(NA)	20
1	1	16	7	8	7	(NA)	(NA)	(NA)	22
1	(4)	6	4	2	1	(NA)	(NA)	(NA)	30
2	(4)	11	9	5	4	(NA)	(NA)	(NA)	33
(4)	(4)	5	3	(4)	1	(NA)	(NA)	(NA)	39
33	16	112	70	143	84	80	146	54	
3	5	87	53	39	26	(NA)	(NA)	(NA)	22
17	10	6	4	71	43	(NA)	(NA)	(NA)	26
164	20	154	108	546	228	183	288	168	
7	1	35	22	16	10	(NA)	(NA)	(NA)	20
(4)	(4)	27	13	4	3	(NA)	(NA)	(NA)	22
26	6	11	11	160	56	(NA)	(NA)	(NA)	26
124	10	31	24	213	145	(NA)	(NA)	(NA)	28
3	(4)	12	6	8	6	(NA)	(NA)	(NA)	32
1	1	7	6	12	2	(NA)	(NA)	(NA)	33
(4)	(4)	7	5	1	1	(NA)	(NA)	(NA)	34
908	60	249	204	4,376	1,159	1,018	2,885	933	
1	2	50	39	29	4	(NA)	(NA)	(NA)	20
(4)	(4)	4	2	1	1	(NA)	(NA)	(NA)	22
1	(4)	7	6	3	1	(NA)	(NA)	(NA)	24
2	2	8	8	173	23	(NA)	(NA)	(NA)	26
683	15	62	52	1,584	890	(NA)	(NA)	(NA)	28
160	27	49	45	2,240	166	(NA)	(NA)	(NA)	29
(4)	(4)	17	13	7	2	(NA)	(NA)	(NA)	32
58	12	17	13	274	68	(NA)	(NA)	(NA)	33
1	1	6	6	22	2	(NA)	(NA)	(NA)	35
1	1	14	9	38	3	(NA)	(NA)	(NA)	37
19	2	27	24	122	22	31	148	28	
2	(4)	13	12	8	4	(NA)	(NA)	(NA)	20
2	2	20	14	16	8	100	104	99	
1	1	6	6	14	7	(NA)	(NA)	(NA)	26
184	19	130	93	510	261	234	458	227	
1	(4)	25	20	3	2	(NA)	(NA)	(NA)	20
(4)	(4)	6	5	3	1	(NA)	(NA)	(NA)	21
2	1	17	8	9	7	(NA)	(NA)	(NA)	22
(4)	(4)	5	4	1	1	(NA)	(NA)	(NA)	25
31	3	13	12	165	55	(NA)	(NA)	(NA)	26

MANUFACTURES—SUMMARY STATISTICS

Table 6.--Quantity of Water Used by Manufacturing Establishments by Purpose

(Represents data only for establishments whose

Code	State and industry	1959						
		All employees, number, reporting water consumption of--		Value added by manufacture ¹ , reporting water consumption of--		Water intake by purpose		
						All purposes		Process (billion gallons)
		Less than 20 million gallons (1,000)	20 million gallons or more (1,000)	Less than 20 million gallons (million dollars)	20 million gallons or more (million gallons)	Total (billion gallons)	Treated prior to use (billion gallons)	
	Virginia--Continued							
28	Chemicals and allied products.....	5	25	74	428	167	19	37
30	Rubber and plastics products, nec.....	1	2	6	15	1	(4)	(4)
32	Stone, clay and glass products.....	6	2	51	36	2	(4)	(4)
33	Primary metal industries.....	1	4	12	38	3	(4)	(4)
	Washington.....	110	116	1,075	1,285	270	130	165
20	Food and kindred products.....	20	7	198	90	5	(4)	2
24	Lumber and wood products.....	31	14	257	96	34	1	3
26	Paper and allied products.....	(S)	(S)	(S)	(S)	189	127	157
28	Chemicals and allied products.....	10	1	168	26	11	(4)	(4)
29	Petroleum and coal products.....	(S)	1	6	28	3	2	(4)
32	Stone, clay and glass products.....	5	1	50	16	2	..	1
33	Primary metal industries.....	(S)	(S)	(S)	(S)	24	(4)	1
	West Virginia.....	51	67	425	1,031	550	18	59
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	401	14	10
32	Stone, clay and glass products.....	9	14	68	129	2	1	(4)
33	Primary metal industries.....	5	20	101	292	140	2	47
	Wisconsin.....	236	222	1,539	2,575	203	63	106
20	Food and kindred products.....	39	25	308	312	26	2	6
26	Paper and allied products.....	11	25	124	322	132	52	88
28	Chemicals and allied products.....	(S)	(S)	(S)	(S)	4	3	2
31	Leather and leather products.....	14	3	91	25	2	(4)	1
33	Primary metal industries.....	12	18	95	181	11	4	4
34	Fabricated metal products.....	13	22	118	226	3	(4)	1
35	Machinery, except electrical.....	45	39	453	408	12	1	1
36	Electrical machinery.....	16	28	141	319	2	(4)	1
37	Transportation equipment.....	(S)	(S)	(S)	(S)	3	(4)	1
	Wyoming.....	4	3	44	40	6	4	2
29	Petroleum and coal products.....	(S)	(S)	(S)	(S)	4	2	(4)

Note: Detailed figures may not add to totals because of independent rounding.

NA Not available.

S Data suppressed either to avoid disclosing figures for individual companies or because the 1959 figures do not meet publication standards.

¹Adjusted value added by manufacture. See text for explanation.

INDUSTRIAL WATER USE

11-65

of Industrial Use for States, by Industry Group: 1959 and 1954--Continued

water intake is 20 million gallons or more)

1959--Continued						1954			Code
Water intake by purpose-- Continued		Establishments, number		Gross water used, including recirculation or reuse ² (billion gallons)	Total water discharged (billion gallons)	Total water			
Cooling, condensing, and air- conditioning (billion gallons)	Boiler feed, etc. (billion gallons)	Total	Recirculating or reusing water			Intake (billion gallons)	Gross water used, including recirculation or reuse (billion gallons)	Discharged (billion gallons)	
121	10	29	19	285	164	(NA)	(NA)	(NA)	28
1	(⁴)	5	4	2	1	(NA)	(NA)	(NA)	30
1	1	9	4	6	1	(NA)	(NA)	(NA)	32
3	(⁴)	7	6	6	3	(NA)	(NA)	(NA)	33
83	22	132	93	788	261	293	745	268	
3	1	35	24	10	5	(NA)	(NA)	(NA)	20
27	5	28	19	39	31	(NA)	(NA)	(NA)	24
22	9	25	24	644	185	(NA)	(NA)	(NA)	26
10	(⁴)	10	6	11	11	(NA)	(NA)	(NA)	28
1	1	3	3	49	2	(NA)	(NA)	(NA)	29
1	(⁴)	8	4	2	2	(NA)	(NA)	(NA)	32
18	6	14	7	29	24	(NA)	(NA)	(NA)	33
476	15	85	59	693	540	472	663	462	
379	12	27	20	479	393	(NA)	(NA)	(NA)	28
2	(⁴)	15	7	12	3	(NA)	(NA)	(NA)	32
91	2	12	12	190	140	(NA)	(NA)	(NA)	33
77	21	293	203	472	192	226	385	200	
15	5	86	58	44	25	(NA)	(NA)	(NA)	20
38	6	56	49	353	124	(NA)	(NA)	(NA)	26
2	1	8	6	4	4	(NA)	(NA)	(NA)	28
(⁴)	(⁴)	6	4	2	2	(NA)	(NA)	(NA)	31
5	2	25	15	13	10	(NA)	(NA)	(NA)	33
1	1	30	20	8	2	(NA)	(NA)	(NA)	34
8	3	25	17	17	11	(NA)	(NA)	(NA)	35
(⁴)	1	20	12	5	2	(NA)	(NA)	(NA)	36
1	2	14	6	15	3	(NA)	(NA)	(NA)	37
2	1	10	10	41	4	12	51	10	
2	1	6	6	36	2	(NA)	(NA)	(NA)	29

²Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.³The 1959 figures include data for establishments located in Hawaii and Alaska, the detail for which is shown below.⁴Less than 500 million gallons.⁵Less than 1,000 employees.

MANUFACTURES—SUMMARY STATISTICS

Table 7.—Quantity of Water Used and Discharged by Manufacturing Establishments,

(Billion gallons. Represents data for establishments)

Code	State and industry group	Water intake by source						Gross water used, including recirculation or reuse
		Total	Fresh				Brackish ¹	
			Total	From public water systems	From company surface water systems	From company ground water systems		
	United States, total.....	12,175	9,733	1,303	7,266	1,164	2,442	26,621
	Alabama.....	231	193	47	134	12	37	564
20	Food and kindred products.....	2	2	1	(³)	(³)	...	2
22	Textile mill products.....	4	4	1	3	1	...	5
24	Lumber and wood products.....	1	1	(³)	1	(³)	(³)	2
26	Paper and allied products.....	102	66	24	41	2	36	238
28	Chemicals and allied products.....	40	39	6	27	7	(³)	56
30	Rubber and plastics products, nec.....	6	6	(³)	5	1	...	8
32	Stone, clay and glass products.....	1	1	(³)	1	(³)	(³)	6
33	Primary metal industries.....	72	72	15	56	2	...	244
37	Transportation equipment.....	1	1	(³)	1	...	(³)	1
	Arizona.....	12	11	1	1	9	1	105
20	Food and kindred products.....	1	1	(³)	...	(³)	...	2
33	Primary metal industries.....	10	9	(³)	1	7	1	97
	Arkansas.....	37	37	2	7	28	(³)	364
20	Food and kindred products.....	1	1	1	(³)	(³)	(³)	2
24	Lumber and wood products.....	1	1	(³)	(³)	1	...	2
26	Paper and allied products.....	25	25	(³)	5	20	...	280
28	Chemicals and allied products.....	4	4	(³)	1	3	...	12
	California.....	319	147	64	30	54	172	1,183
20	Food and kindred products.....	49	40	15	3	22	9	94
24	Lumber and wood products.....	15	14	2	8	4	1	26
26	Paper and allied products.....	24	17	5	5	8	7	181
28	Chemicals and allied products.....	33	16	7	6	3	17	124
29	Petroleum and coal products.....	150	27	18	(³)	9	124	555
30	Rubber and plastics products, nec.....	1	1	(³)	...	1	(³)	8
32	Stone, clay and glass products.....	21	8	2	1	5	13	37
33	Primary metal industries.....	11	10	2	7	1	(³)	101
34	Fabricated metal products.....	1	1	1	...	(³)	...	3
35	Machinery, except electrical.....	1	1	(³)	...	(³)	...	2
36	Electrical machinery.....	1	1	1	...	(³)	...	1
37	Transportation equipment.....	10	9	8	...	1	1	35
38	Instruments and related products.....	1	1	1	...	...	...	1
	Colorado.....	46	45	3	38	3	1	96
20	Food and kindred products.....	14	14	2	10	1	(³)	20
28	Chemicals and allied products.....	2	2	(³)	1	1	...	5
29	Petroleum and coal products.....	1	1	(³)	(³)	(³)	1	15
	Connecticut.....	154	92	45	33	14	62	201
20	Food and kindred products.....	1	1	1	...	(³)	(³)	1
22	Textile mill products.....	3	3	1	3	...	(³)	4
26	Paper and allied products.....	11	10	1	8	2	(³)	35
28	Chemicals and allied products.....	29	7	2	1	4	22	35
30	Rubber and plastics products, nec.....	7	7	1	5	1	...	12
33	Primary metal industries.....	23	20	7	12	1	4	30
34	Fabricated metal products.....	3	3	2	(³)	(³)	(³)	3
35	Machinery, except electrical.....	3	3	2	(³)	(³)	...	3
36	Electrical machinery.....	2	2	2	(³)	(³)	...	3
37	Transportation equipment.....	66	30	24	(³)	6	36	67
39	Miscellaneous manufactures, incl. ordnance.....	5	5	1	4	(³)	...	5
	Delaware.....	158	29	4	22	4	128	188
20	Food and kindred products.....	1	1	(³)	...	1	(³)	1
28	Chemicals and allied products.....	28	19	1	16	1	9	33
	Florida.....	235	159	4	46	110	75	589
20	Food and kindred products.....	30	29	2	4	22	1	48
26	Paper and allied products.....	142	88	(³)	26	61	54	417
28	Chemicals and allied products.....	54	38	(³)	13	25	15	108
32	Stone, clay and glass products.....	8	3	(³)	2	1	5	8
	Georgia.....	183	129	23	32	74	54	659
20	Food and kindred products.....	7	5	2	...	2	2	12
22	Textile mill products.....	15	15	8	5	1	...	27
26	Paper and allied products.....	123	77	7	16	53	46	547

See footnotes at end of table.

by Source of Intake and Point of Discharge, for States, by Industry Groups: 1959

with 1959 water intake of 20 million gallons or more)

Water discharged and treated													Code
Total ²	Treated prior to discharge	Point of discharge											
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users		
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated			
11,449	2,309	997	76	98	10,181	1,381	3,437	98	15	18	174		
208	28	7	(³)	(³)	200	6	66	1	(³)	(³)	(³)		
1	...	1	...	...	(³)	...	...	...	...	...	...	20
3	1	1	(³)	(³)	3	(³)	1	(³)	...	(³)	...	22	
1	(³)	(³)	...	(³)	1	...	1	(³)	...	(³)	...	24	
99	19	(³)	(³)	...	99	5	28	...	...	...	...	26
35	2	(³)	(³)	...	33	(³)	15	...	...	...	(³)	28
6	...	(³)	...	...	5	...	...	...	...	...	...	30
1	(³)	(³)	...	...	1	(³)	...	...	...	...	(³)	32
59	6	(³)	...	(³)	57	1	22	(³)	(³)	...	(³)	33	
1	(³)	(³)	...	...	(³)	(³)	...	...	...	...	(³)	37
5	(³)	2	(³)	(³)	(³)	...	(³)	1	(³)	(³)	1		
1	...	(³)	...	...	...	...	...	...	...	...	(³)	20
3	(³)	2	(³)	(³)	(³)	...	...	1	(³)	...	...	33
33	22	2	...	(³)	30	22	1	(³)	(³)	...	1		
1	(³)	1	...	(³)	(³)	...	...	(³)	...	...	...	20
1	(³)	(³)	...	...	(³)	...	(³)	(³)	(³)	...	...	24
24	19	...	...	...	24	19	...	...	...	...	(³)	26
2	1	(³)	...	(³)	2	1	1	(³)	...	...	(³)	28
277	147	43	4	5	219	103	46	13	4	(³)	2		
42	6	21	2	1	14	(³)	3	7	1	(³)	1	20	
11	27	1	(³)	(³)	9	4	1	(³)	(³)	(³)	(³)	24	
22	9	6	1	1	16	8	...	(³)	...	(³)	(³)	26	
25	12	3	1	(³)	21	11	2	(³)	...	(³)	(³)	28	
136	87	1	1	(³)	132	79	31	(³)	3	...	(³)	29	
1	...	1	...	...	(³)	...	...	(³)	...	...	(³)	30
18	2	1	(³)	(³)	15	1	(³)	2	(³)	...	(³)	32	
8	2	1	(³)	(³)	7	...	6	(³)	...	...	...	33
1	(³)	(³)	...	(³)	(³)	(³)	...	(³)	...	...	...	34
(³)	(³)	(³)	...	(³)	(³)	(³)	...	(³)	...	...	(³)	35
1	(³)	1	...	(³)	(³)	...	...	(³)	...	(³)	(³)	36
9	2	(³)	(³)	1	4	...	2	(³)	...	(³)	...	37	
(³)	(³)	(³)	...	(³)	...	...	...	...	...	...	...	38
40	7	2	(³)	(³)	38	6	3	(³)	...	...	(³)	
13	6	1	(³)	(³)	13	5	2	...	...	...	(³)	20
1	1	(³)	(³)	...	1	(³)	1	(³)	...	...	...	28
(³)	(³)	...	...	...	(³)	(³)	(³)	(³)	...	...	...	29
128	6	15	...	4	113	1	7	(³)	(³)	...	...
1	(³)	1	(³)	(³)	(³)	(³)	...	(³)	...	...	...	20
3	(³)	1	...	...	2	(³)	...	...	...	...	...	22
9	3	(³)	...	...	9	1	2	(³)	(³)	...	...	26
27	(³)	(³)	...	...	27	(³)	3	(³)	(³)	...	...	28
7	(³)	1	...	(³)	6	...	(³)	(³)	...	...	...	30
23	1	5	...	3	18	1	1	(³)	(³)	...	...	33
3	(³)	2	...	(³)	(³)	...	(³)	(³)	...	...	...	34
3	(³)	1	(³)	(³)	1	(³)	(³)	(³)	...	...	...	35
2	(³)	2	(³)	(³)	(³)	(³)	...	(³)	...	...	...	36
45	(³)	(³)	(³)	(³)	45	(³)	1	...	...	...	...	37
5	(³)	1	(³)	(³)	3	...	...	...	...	...	...	39
155	124	2	1	(³)	153	122	26	(³)	...	...	...
1	(³)	(³)	...	(³)	1	(³)	...	(³)	...	...	...	20
28	2	(³)	...	(³)	28	(³)	26	(³)	...	...	...	28
222	65	5	1	(³)	212	36	51	5	(³)	1	(³)		
29	2	3	1	(³)	22	(³)	7	4	(³)	1	(³)	20	
139	39	(³)	(³)	...	139	18	34	(³)	(³)	...	(³)	26	
45	24	1	...	...	44	18	11	(³)	(³)	...	(³)	28
7	(³)	(³)	...	...	7	...	...	(³)	...	(³)	...	32
168	20	11	1	1	157	12	66	(³)	...	(³)	(³)		
6	(³)	3	...	(³)	3	(³)	...	(³)	...	...	...	20
13	1	6	(³)	1	7	(³)	(³)	(³)	...	...	...	22
121	8	(³)	...	...	121	2	64	(³)	...	...	(³)	26

MANUFACTURES—SUMMARY STATISTICS

Table 7.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Billion gallons. Represents data for establishments

Code	State and industry group	Water intake by source						Gross water used, including recirculation or reuse
		Total	Total	Fresh			Brackish ¹	
				From public water systems	From company surface water systems	From company ground water systems		
28	Georgia--Continued							
32	Chemicals and allied products.....	25	20	2	2	16	5	41
37	Stone, clay and glass products.....	6	6	(^a)	5	(^a)	...	6
	Transportation equipment.....	2	2	1	...	(^a)	...	15
	Hawaii and Alaska.....	84	81	3	58	20	3	136
	Idaho.....	46	46	3	28	16	...	58
20	Food and kindred products.....	13	13	2	3	7	...	19
24	Lumber and wood products.....	11	11	(^a)	11	1	...	12
	Illinois.....	588	530	101	366	64	58	1,360
20	Food and kindred products.....	50	44	17	10	17	6	84
22	Textile mill products.....	1	1	(^a)	...	(^a)	...	1
26	Paper and allied products.....	17	16	2	6	8	1	38
27	Printing and publishing.....	7	4	4	...	(^a)	2	9
28	Chemicals and allied products.....	39	34	9	9	15	5	102
29	Petroleum and coal products.....	72	57	39	10	8	15	326
30	Rubber and plastics products, nec.....	3	3	1	...	2	...	4
31	Leather and leather products.....	1	1	1	...	(^a)	...	1
32	Stone, clay and glass products.....	31	31	1	29	2	...	54
33	Primary metal industries.....	333	304	7	292	6	29	664
34	Fabricated metal products.....	6	6	5	(^a)	1	...	11
35	Machinery, except electrical.....	17	17	6	10	1	...	28
36	Electrical machinery.....	5	5	5	(^a)	1	(^a)	20
37	Transportation equipment.....	4	4	3	(^a)	2	...	13
38	Instruments and related products.....	2	2	1	1	(^a)	...	2
	Indiana.....	638	635	162	437	36	3	987
20	Food and kindred products.....	30	30	7	9	14	...	44
26	Paper and allied products.....	10	10	1	7	2	...	16
28	Chemicals and allied products.....	36	36	3	25	7	...	65
29	Petroleum and coal products.....	95	95	(^a)	94	(^a)	...	215
30	Rubber and plastics products, nec.....	4	4	1	2	1	...	6
32	Stone, clay and glass products.....	17	17	1	15	2	...	18
33	Primary metal industries.....	424	424	136	285	2	(^a)	573
34	Fabricated metal products.....	2	2	1	...	(^a)	...	4
35	Machinery, except electrical.....	2	2	1	(^a)	1	...	4
36	Electrical machinery.....	7	7	5	1	1	...	12
37	Transportation equipment.....	12	9	5	...	4	2	28
	Iowa.....	93	93	8	60	25	(^a)	185
20	Food and kindred products.....	40	40	4	20	16	...	62
26	Paper and allied products.....	2	2	1	1	(^a)	...	2
28	Chemicals and allied products.....	5	5	(^a)	1	3	...	7
32	Stone, clay and glass products.....	8	8	(^a)	7	1	...	61
35	Machinery, except electrical.....	16	16	1	14	1	...	20
	Kansas.....	50	49	8	23	18	1	246
20	Food and kindred products.....	7	7	4	(^a)	3	(^a)	12
28	Chemicals and allied products.....	23	22	1	16	5	1	72
29	Petroleum and coal products.....	10	10	2	5	4	...	148
32	Stone, clay and glass products.....	3	3	(^a)	1	2	...	5
37	Transportation equipment.....	2	2	1	...	1	...	3
	Kentucky.....	103	103	11	74	18	(^a)	232
20	Food and kindred products.....	13	13	3	4	5	(^a)	26
28	Chemicals and allied products.....	50	50	1	37	11	(^a)	131
33	Primary metal industries.....	18	18	(^a)	17	(^a)	...	30
34	Fabricated metal products.....	1	1	1	...	(^a)	...	1
35	Machinery, except electrical.....	2	2	2	...	...	...	5
	Louisiana.....	713	472	3	395	75	240	1,483
20	Food and kindred products.....	29	28	1	25	2	1	32
26	Paper and allied products.....	55	55	(^a)	27	27	(^a)	187
28	Chemicals and allied products.....	263	137	(^a)	115	22	126	480
29	Petroleum and coal products.....	216	104	1	81	22	112	621
	Maine.....	138	137	11	125	1	1	281
20	Food and kindred products.....	2	2	1	1	(^a)	(^a)	3
22	Textile mill products.....	2	2	1	1	...	...	3
26	Paper and allied products.....	124	124	1	123	1	...	266
31	Leather and leather products.....	1	1	(^a)	(^a)	(^a)	...	1

See footnotes at end of table.

Source of Intake and Point of Discharge, for States, by Industry Groups: 1959—Continued

with 1959 water intake of 20 million gallons or more)

Water discharged and treated													Code
Total ²	Treated prior to discharge	Point of discharge											
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users		
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated			
23 1 1	9 (3) 1	(3) (3) 1	... ... 1	(3) ... (3)	23 1 (3)	9 ... (3)	... (3) (3)	(3) (3) (3)	... ... ...	... ... ...	... ... ...	28 32 37
74	6	2	1	(3)	55	1	2	2	(3)	...	15		
43	6	4	(3)	...	32	3	13	5	...	...	3	
13 11	3 2	3 (3)	... (3)	... ...	9 9	3 ...	3 8	(3) (3)	... ...	... ...	(3) 1	20 24
550	59	103	2	8	441	35	73	5	1	1	(3)		
44 1 15 6 35 66 3 1 30 315 6 16 5 4 2	3 (3) 4 (3) 4 11 1 (3) 1 (3) 28 (3) 6 (3) 1 (3) 2	27 (3) 3 2 14 1 2 1 1 1 28 32 5 6 4 3 1	... ... (3) ... (3) 1 (3) 1 (3) 1 (3) 1 (3) 1 (3) 1 (3) 1 (3)	(3) 1 (3) ... (3) 1 (3) 1 (3) 1 (3) 1 (3) 1 (3)	17 ... 11 5 21 65 1 ... 28 281 (3) 10 (3) 1 1	1 ... 2 ... 3 6 16 (3) 6 ... (3)	1 ... 3 ... 3 19 (3) ... (3) ... 45 (3) 1 (3) 1 (3)	1 (3) (3) (3) 2 (3) ... (3) (3) (3) (3) (3) ...	(3) (3) 1 (3)	(3) (3) (3) 1 (3)	(3) 1 (3)	20 22 26 27 28 29 30 32 33 34 35 36 37 38
629	109	160	1	7	466	71	270	2	1	(3)	(3)		
27 9 35 92 4 16 423 2 2 6 10	6 3 3 92 (3) (3) 2 (3) 1 (3) 2	12 (3) 3 (3) (3) 1 1 124 1 2 6 8	(3) ... (3) ... (3) (3) (3) (3) (3)	(3) ... (3) (3) 2 (3) 1 (3) 2	15 (3) 31 92 2 15 299 (3) (3) (3) (3) 2	5 ... (3) 65 ... (3) (3) (3) (3) (3) (3)	1 4 7 27 ... (3) (3) (3) (3) ... 1	1 (3) 1 (3) ... (3) (3) (3) (3) (3) (3)	(3) (3) (3) (3) ... ... ... ... ...	... ... ... ... ... (3) (3)	... ... ... ... ... ... (3) (3)	20 26 28 29 30 32 33 34 35 36 37
89	12	19	(3)	2	66	3	22	1	(3)	(3)	3		
38 1 4 8 16	3 1 (3) (3) 7	12 1 3 (3) 1	(3) ... (3) (3) ...	1 ... (3) (3) ...	22 1 2 7 15	1 ... (3) ... (3)	1 (3) (3) ... 15	1 (3) ... (3) (3)	(3) ... ... ... ...	... ... ... (3) ...	3 (3) ...	20 26 28 32 35
40	6	11	1	1	29	4	3	(3)	(3)	...	...
6 21 5 3 2	(3) 1 4 (3) (3)	5 1 (3) 2 2	... (3) (3) ... (3)	(3) (3) (3)	1 20 5 (3) (3)	... 1 3	(3) (3) 1 (3) ...	(3) (3) ... (3) ...	... ... ... (3) ...	... ... ... ... ...	... ... ... ... ...	20 28 29 32 37
99	54	16	1	2	81	29	33	1	1	...	(3)		
11 48 17 1 2	1 34 8 ... (3)	5 5 (3) 1 1	(3) (3)	(3) (3) (3)	5 42 17 ... (3)	(3) 28	1 5 15	(3) 1 ... ... ...	... 1 ... ... ...	... ... ... ... ...	(3) (3)	20 28 33 34 35
692	141	10	(3)	...	679	134	74	1	(3)	(3)	3		
28 52 256 208	2 15 7 117	6 1 1 1	(3) ... (3) (3)	... ... ... ...	20 51 255 206	1 14 5 114	... ... 57 16	(3) (3) (3) (3)	... ... (3) ...	... ... (3) ...	... (3) (3) 2	20 26 28 29
135	3	11	(3)	...	123	(3)	3	(3)	...	...	1	
2 2 122 1	(3) ... 2 (3)	1 (3) 2 ...	(3) ... ... ...	... ... ... ...	1 2 120 1	... ... ... (3)	(3) 2	... (3) ... ...	... ... ... ...	... ... ... ...	... ... 1 ...	20 22 26 31

MANUFACTURES—SUMMARY STATISTICS

Table 7.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Billion gallons. Represents data for establishments

Code	State and industry group	Water intake by source						Gross water used, including recirculation or reused
		Total	Fresh				Brackish ¹	
			Total	From public water systems	From company surface water systems	From company ground water systems		
	Maryland.....	275	93	15	69	9	182	398
20	Food and kindred products.....	13	8	4	1	3	6	16
28	Chemicals and allied products.....	38	21	4	16	1	18	43
30	Rubber and plastics products, nec.....	5	5	1	4	1	...	7
32	Stone, clay and glass products.....	4	4	1	3	(^a)	...	4
33	Primary metal industries.....	174	30	2	24	4	145	250
34	Fabricated metal products.....	1	1	(^a)	...	(^a)	...	1
36	Electrical machinery.....	1	1	(^a)	...	(^a)	...	1
37	Transportation equipment.....	3	2	2	(^a)	(^a)	1	6
	Massachusetts.....	189	133	40	80	13	55	264
20	Food and kindred products.....	14	5	2	2	(^a)	10	17
22	Textile mill products.....	9	8	2	5	1	(^a)	10
26	Paper and allied products.....	58	58	7	46	5	...	106
28	Chemicals and allied products.....	15	10	6	1	2	6	18
30	Rubber and plastics products, nec.....	15	12	2	8	2	3	20
31	Leather and leather products.....	2	2	1	(^a)	1	(^a)	2
32	Stone, clay and glass products.....	2	1	1	(^a)	(^a)	1	3
33	Primary metal industries.....	8	8	5	3	(^a)	(^a)	9
34	Fabricated metal products.....	2	1	1	(^a)	(^a)	1	2
35	Machinery, except electrical.....	29	6	3	3	(^a)	23	34
36	Electrical machinery.....	11	11	3	7	1	...	18
37	Transportation equipment.....	1	1	1	...	(^a)	(^a)	2
38	Instruments and related products.....	5	5	1	4	(^a)	...	5
39	Miscellaneous manufactures, incl. ordnance.....	4	4	4	(^a)	(^a)	...	6
	Michigan.....	811	809	81	701	28	1	1,231
20	Food and kindred products.....	12	11	5	2	4	1	19
26	Paper and allied products.....	95	95	2	82	11	...	244
28	Chemicals and allied products.....	241	241	13	223	5	(^a)	278
29	Petroleum and coal products.....	18	18	1	17	(^a)	...	38
30	Rubber and plastics products, nec.....	16	16	2	13	1	...	17
32	Stone, clay and glass products.....	64	64	1	62	1	(^a)	68
33	Primary metal industries.....	257	257	8	248	1	...	375
34	Fabricated metal products.....	6	6	5	...	1	...	7
35	Machinery, except electrical.....	11	11	7	3	1	...	22
36	Electrical machinery.....	2	2	2	(^a)	(^a)	...	4
37	Transportation equipment.....	86	86	33	50	3	(^a)	155
	Minnesota.....	98	98	6	62	31	(^a)	172
20	Food and kindred products.....	21	21	1	3	17	(^a)	31
26	Paper and allied products.....	48	48	2	41	6	...	85
28	Chemicals and allied products.....	2	2	(^a)	...	2	...	11
	Mississippi.....	66	55	1	20	34	11	153
20	Food and kindred products.....	1	1	(^a)	...	1	...	1
22	Textile mill products.....	1	1	(^a)	...	1	...	1
26	Paper and allied products.....	37	33	(^a)	14	19	4	82
28	Chemicals and allied products.....	18	18	1	6	12	(^a)	53
	Missouri.....	73	63	21	31	11	11	186
20	Food and kindred products.....	17	17	7	3	7	...	24
28	Chemicals and allied products.....	20	20	4	14	1	...	59
32	Stone, clay and glass products.....	8	8	1	6	2	...	20
33	Primary metal industries.....	13	3	2	1	...	11	18
35	Machinery, except electrical.....	1	1	1	...	...	...	1
36	Electrical machinery.....	1	1	1	...	...	...	3
37	Transportation equipment.....	3	3	3	...	...	...	9
	Montana.....	43	43	3	39	2	(^a)	82
20	Food and kindred products.....	4	4	1	2	(^a)	(^a)	5
33	Primary metal industries.....	18	18	(^a)	16	2	...	27
	Nebraska.....	23	23	7	4	12	(^a)	35
20	Food and kindred products.....	12	12	6	3	4	(^a)	20
	Nevada.....	5	5	4	1	(^a)	(^a)	13
	New Hampshire.....	54	54	2	51	(^a)	(^a)	64
22	Textile mill products.....	6	6	1	5	(^a)	...	6
26	Paper and allied products.....	46	46	1	45	...	...	55
31	Leather and leather products.....	1	1	(^a)	(^a)	...	(^a)	1

See footnotes at end of table.

INDUSTRIAL WATER USE

11-71

Source of Intake and Point of Discharge, for States, by Industry Groups: 1959-Continued

with 1959 water intake of 20 million gallons or more)

Water discharged and treated													Code
Total ²	Treated prior discharge	Point of discharge											
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users		
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated			
266	68	9	1	2	255	2	193	1	(3)	1	(3)		
12	1	4	...	...	8	(3)	(3)	(3)	(3)	...	(3)	20
36	(3)	(3)	(3)	...	36	...	2	(3)	...	...	(3)	28
4	(3)	(3)	(3)	...	3	...	...	1	...	...	...	30
4	1	(3)	(3)	...	3	1	(3)	(3)	...	...	...	32
169	62	2	...	1	167	...	167	1	...	1	...	33	
(3)	...	(3)	(3)	(3)	(3)	...	...	...	...	...	...	34
1	(3)	1	(3)	(3)	...	(3)	...	(3)	...	...	...	36
3	(3)	1	...	...	2	(3)	1	(3)	...	...	...	37
169	11	32	2	2	134	3	6	1	(3)	(3)	2		
14	(3)	3	(3)	(3)	11	...	...	...	...	...	...	20
7	1	1	(3)	...	6	(3)	(3)	(3)	(3)	...	...	22
45	8	3	1	1	42	3	5	(3)	(3)	(3)	1	26	
14	1	7	(3)	...	6	...	1	(3)	(3)	(3)	(3)	28	
15	(3)	1	(3)	...	12	(3)	...	(3)	(3)	(3)	1	30	
2	(3)	1	...	(3)	1	...	...	(3)	...	(3)	...	31
2	(3)	1	...	...	2	...	...	(3)	...	(3)	...	32
8	(3)	5	(3)	...	3	...	...	(3)	(3)	...	...	33
2	(3)	1	(3)	(3)	1	...	...	...	...	...	...	34
27	(3)	2	(3)	...	25	...	...	(3)	...	...	...	35
11	(3)	3	...	(3)	8	(3)	(3)	(3)	...	...	...	36
1	...	1	...	(3)	1	...	(3)	...	...	...	...	37
5	(3)	1	...	(3)	4	...	(3)	(3)	...	...	...	38
4	(3)	3	...	(3)	1	...	(3)	...	...	...	...	39
784	160	73	12	15	707	87	287	4	(3)	2	(3)		
11	3	7	(3)	1	4	1	2	(3)	...	...	...	20
91	29	1	(3)	(3)	89	16	31	1	(3)	...	(3)	26	
232	69	3	1	1	226	65	28	(3)	(3)	2	(3)	28	
16	1	1	...	1	15	1	(3)	(3)	...	...	...	29
16	(3)	2	...	...	14	...	...	(3)	(3)	...	...	30
62	(3)	1	...	(3)	62	...	...	(3)	...	...	...	32
254	43	13	7	1	240	...	180	(3)	...	...	...	33
6	1	5	...	1	1	(3)	1	(3)	(3)	(3)	...	34	
11	4	7	4	(3)	3	...	(3)	(3)	(3)	(3)	...	35	
2	(3)	1	...	1	1	...	(3)	(3)	...	...	...	36
83	9	31	(3)	9	51	4	44	(3)	...	...	...	37
92	19	23	2	2	68	9	39	1	(3)	(3)	(3)		
19	5	12	1	2	6	2	1	1	(3)	(3)	(3)	20	
45	7	6	1	...	39	1	38	...	...	...	...	26
2	(3)	(3)	...	...	2	(3)	...	...	...	...	...	28
59	5	2	(3)	(3)	56	4	1	(3)	...	(3)	(3)		
1	(3)	(3)	...	...	1	(3)	...	(3)	...	...	(3)	20
1	(3)	1	(3)	...	(3)	...	...	...	...	...	...	22
34	1	(3)	(3)	(3)	34	1	...	(3)	...	(3)	...	26	
15	4	(3)	(3)	(3)	14	3	1	(3)	...	(3)	...	28	
66	3	19	(3)	6	46	1	13	1	1	(3)	(3)		
15	1	8	(3)	2	6	(3)	...	1	1	...	(3)	20	
18	1	4	...	2	14	1	1	(3)	...	(3)	(3)	28	
7	(3)	1	...	(3)	6	(3)	...	(3)	...	...	...	32
13	(3)	2	...	...	12	...	11	...	...	...	...	33
1	(3)	1	...	...	...	...	...	...	...	...	...	35
1	...	1	...	...	(3)	...	...	...	...	...	...	36
3	(3)	3	...	1	(3)	...	(3)	(3)	...	...	...	37
37	12	(3)	...	(3)	37	12	1	1	(3)	...	...
4	2	(3)	...	...	3	2	(3)	...	...	...	...	20
14	9	(3)	...	(3)	14	9	(3)	...	(3)	...	...	33
22	3	8	2	...	14	1	1	...	...	...	...
12	2	8	2	...	4	1	(3)	...	...	...	...	20
2	(3)	(3)	(3)	...	(3)	...	...	1	...	...	...
41	(3)	1	(3)	(3)	40	(3)	(3)	(3)	...	...	(3)	
6	...	(3)	...	...	6	...	...	...	...	...	...	22
34	(3)	(3)	...	...	33	...	(3)	(3)	...	...	(3)	26
1	(3)	(3)	...	...	1	(3)	...	...	...	...	...	31

MANUFACTURES—SUMMARY STATISTICS

Table 7.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Billion gallons. Represents data for establishments)

Code	State and industry group	Water intake by source						Gross water used, including recirculation or reused
		Total	Fresh				Brackish ¹	
			Total	From public water systems	From company surface water systems	From company ground water systems		
	New Jersey.....	431	205	69	103	33	226	1,070
20	Food and kindred products.....	20	14	8	2	3	7	320
22	Textile mill products.....	9	9	2	7	1	(³)	11
26	Paper and allied products.....	55	53	33	16	5	2	158
28	Chemicals and allied products.....	139	64	10	41	13	75	213
29	Petroleum and coal products.....	112	20	2	15	2	92	240
30	Rubber and plastics products, nec.....	4	4	1	2	1	...	5
31	Leather and leather products.....	1	1	(³)	(³)	(³)	...	1
32	Stone, clay and glass products.....	12	5	1	2	2	6	21
33	Primary metal industries.....	42	9	3	4	1	33	54
34	Fabricated metal products.....	2	1	1	(³)	(³)	(³)	3
35	Machinery, except electrical.....	6	6	1	5	1	...	7
36	Electrical machinery.....	23	12	3	9	1	11	26
37	Transportation equipment.....	4	3	2	(³)	1	(³)	7
38	Instruments and related products.....	2	1	1	...	1	(³)	3
	New Mexico.....	2	2	(³)	...	1	...	14
	New York.....	618	544	64	455	24	74	945
20	Food and kindred products.....	42	19	13	4	3	23	52
22	Textile mill products.....	4	4	2	3	(³)	...	5
26	Paper and allied products.....	151	150	5	144	1	1	279
27	Printing and publishing.....	1	1	(³)	...	(³)	...	21
28	Chemicals and allied products.....	139	102	13	83	6	38	196
30	Rubber and plastics products, nec.....	5	4	2	1	1	1	8
31	Leather and leather products.....	1	1	1	(³)	(³)	...	2
32	Stone, clay and glass products.....	16	14	2	10	2	2	21
33	Primary metal industries.....	153	150	8	142	1	3	192
34	Fabricated metal products.....	1	1	1	(³)	(³)	(³)	2
35	Machinery, except electrical.....	42	42	4	36	2	(³)	50
36	Electrical machinery.....	8	8	4	3	1	(³)	15
37	Transportation equipment.....	14	13	6	4	3	1	21
38	Instruments and related products.....	11	11	2	7	2	(³)	46
39	Miscellaneous manufactures, incl. ordnance.....	3	3	1	1	1	...	5
	North Carolina.....	97	97	11	83	3	(³)	321
20	Food and kindred products.....	1	1	1	(³)	(³)	...	2
21	Tobacco products.....	2	2	2	...	...	...	38
22	Textile mill products.....	22	22	7	13	1	...	36
26	Paper and allied products.....	57	57	(³)	57	(³)	...	201
28	Chemicals and allied products.....	11	11	(³)	9	1	(³)	31
	North Dakota and South Dakota.....	4	4	1	3	(³)	...	19
	Ohio.....	1,064	1,053	92	870	90	12	1,790
20	Food and kindred products.....	13	13	7	2	4	...	23
22	Textile mill products.....	4	4	1	3	(³)	...	5
26	Paper and allied products.....	40	40	1	14	25	(³)	142
27	Printing and publishing.....	1	1	1	...	(³)	...	1
28	Chemicals and allied products.....	135	132	8	115	8	3	197
29	Petroleum and coal products.....	63	63	4	54	6	...	164
30	Rubber and plastics products, nec.....	39	39	11	23	5	(³)	81
32	Stone, clay and glass products.....	22	22	7	11	4	...	201
33	Primary metal industries.....	705	696	27	645	24	8	898
34	Fabricated metal products.....	5	5	4	(³)	1	(³)	7
35	Machinery, except electrical.....	6	5	2	(³)	4	(³)	9
36	Electrical machinery.....	13	13	6	(³)	7	...	16
37	Transportation equipment.....	18	18	14	2	2	(³)	44
	Oklahoma.....	15	15	10	(³)	4	(³)	300
20	Food and kindred products.....	2	2	1	...	1	...	5
29	Petroleum and coal products.....	10	10	6	(³)	3	(³)	267
	Oregon.....	141	130	5	117	8	11	246
20	Food and kindred products.....	6	6	1	3	2	...	9
24	Lumber and wood products.....	64	53	2	50	1	10	80
26	Paper and allied products.....	55	54	(³)	54	1	1	136
33	Primary metal industries.....	6	6	(³)	2	4	...	9
	Pennsylvania.....	1,390	1,388	77	1,244	68	1	2,671
20	Food and kindred products.....	29	29	6	14	9	...	40
22	Textile mill products.....	4	4	2	1	(³)	(³)	4
26	Paper and allied products.....	75	75	4	62	9	(³)	654
27	Printing and publishing.....	2	2	1	(³)	(³)	...	3
28	Chemicals and allied products.....	148	148	5	136	6	(³)	203

See footnotes at end of table.

Source of Intake and Point of Discharge, for States, by Industry Groups: 1959—Continued

with 1959 water intake of 20 million gallons or more)

Water discharged and treated													Code
Total ²	Treated prior to discharge	Point of discharge											
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users		
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated			
415	60	45	9	3	363	22	81	6	(3)	1	(3)		
19	4	7	(3)	(3)	10	(3)	5	2	(3)	(3)	(3)	20	
9	5	3	(3)	(3)	6	(3)	5	(3)	(3)	(3)	(3)	22	
54	6	7	(3)	(3)	45	4	5	2	(3)	1	(3)	26	
131	33	16	9	1	114	9	49	1	(3)	(3)	(3)	28	
110	3	(3)	(3)	(3)	109	2	10	(3)	(3)	(3)	(3)	29	
3	(3)	1	(3)	(3)	3	(3)	(3)	(3)	(3)	(3)	(3)	30	
1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	31	
11	2	1	(3)	(3)	11	1	4	(3)	(3)	(3)	(3)	32	
40	1	3	(3)	(3)	37	1	1	(3)	(3)	(3)	(3)	33	
1	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	34	
6	5	1	(3)	(3)	5	5	(3)	(3)	(3)	(3)	(3)	35	
22	(3)	3	(3)	1	19	(3)	(3)	(3)	(3)	(3)	(3)	36	
4	1	1	(3)	(3)	3	(3)	2	(3)	(3)	(3)	(3)	37	
2	(3)	(3)	(3)	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	38	
1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)		
587	151	73	2	5	508	48	228	6	(3)	2	(3)		
39	3	9	(3)	1	29	1	2	1	(3)	(3)	(3)	20	
4	1	2	(3)	(3)	3	1	(3)	(3)	(3)	(3)	(3)	22	
145	22	7	(3)	(3)	138	12	21	(3)	(3)	(3)	(3)	26	
1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	27	
132	13	24	(3)	1	108	(3)	55	(3)	(3)	(3)	(3)	28	
4	(3)	2	(3)	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	30	
1	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	31	
14	3	2	(3)	(3)	12	3	3	(3)	(3)	(3)	(3)	32	
145	76	10	(3)	1	134	11	102	(3)	(3)	(3)	(3)	33	
1	(3)	1	(3)	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	34	
41	7	4	(3)	2	38	(3)	36	(3)	(3)	(3)	(3)	35	
8	2	3	(3)	1	5	(3)	4	(3)	(3)	(3)	(3)	36	
14	1	4	(3)	(3)	8	(3)	5	(3)	(3)	(3)	(3)	37	
10	6	4	(3)	(3)	6	(3)	6	(3)	(3)	(3)	(3)	38	
3	1	1	(3)	(3)	1	(3)	1	(3)	(3)	(3)	(3)	39	
93	23	13	1	2	79	13	35	(3)	(3)	(3)	1		
1	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	20	
1	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	21	
20	2	10	(3)	1	9	1	(3)	(3)	(3)	(3)	1	22	
56	18	(3)	(3)	(3)	56	12	22	(3)	(3)	(3)	(3)	26	
10	3	(3)	(3)	(3)	10	(3)	9	(3)	(3)	(3)	(3)	28	
4	1	2	(3)	(3)	1	1	(3)	(3)	(3)	(3)	(3)		
979	122	75	6	12	893	60	438	11	(3)	1	(3)		
11	2	7	(3)	(3)	4	(3)	1	1	(3)	(3)	(3)	20	
4	(3)	1	(3)	(3)	3	(3)	3	(3)	(3)	(3)	(3)	22	
37	10	3	(3)	(3)	34	2	20	1	(3)	(3)	(3)	26	
1	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	27	
103	6	6	2	1	94	1	60	2	(3)	(3)	(3)	28	
53	24	3	(3)	(3)	50	23	(3)	(3)	(3)	(3)	(3)	29	
37	1	7	(3)	1	30	1	1	(3)	(3)	(3)	(3)	30	
19	1	4	(3)	(3)	15	(3)	2	(3)	(3)	(3)	(3)	32	
676	75	19	3	5	651	32	343	6	(3)	(3)	(3)	33	
4	(3)	3	(3)	1	1	(3)	(3)	(3)	(3)	(3)	(3)	34	
5	(3)	4	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	35	
11	1	5	(3)	2	6	(3)	5	(3)	(3)	(3)	(3)	36	
16	3	11	1	2	5	(3)	2	(3)	(3)	(3)	(3)	37	
9	5	2	(3)	(3)	6	4	(3)	(3)	(3)	(3)	(3)		
2	(3)	2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	20	
5	3	(3)	(3)	(3)	4	3	(3)	(3)	(3)	(3)	(3)	29	
134	13	4	(3)	1	127	2	39	2	(3)	(3)	2		
6	1	2	(3)	1	4	1	(3)	(3)	(3)	(3)	(3)	20	
61	(3)	1	(3)	(3)	57	(3)	5	1	(3)	(3)	2	24	
51	10	(3)	(3)	(3)	51	1	31	(3)	(3)	(3)	(3)	26	
6	1	(3)	(3)	(3)	5	(3)	3	(3)	(3)	(3)	(3)	33	
1,324	307	53	4	5	1,264	124	597	7	3	(3)	(3)		
26	1	5	(3)	(3)	20	(3)	1	1	(3)	(3)	(3)	20	
3	1	2	(3)	(3)	1	1	(3)	(3)	(3)	(3)	(3)	22	
67	37	2	(3)	(3)	65	19	44	(3)	(3)	(3)	(3)	26	
2	(3)	1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	27	
139	6	3	(3)	1	136	1	55	(3)	(3)	(3)	(3)	28	

MANUFACTURES—SUMMARY STATISTICS

Table 7.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Billion gallons. Represents data for establishments)

Code	State and industry group	Water intake by source					Gross water used, including recirculation or reuse	
		Total	Fresh					
			Total	From public water systems	From company surface water systems			From company ground water systems
	Pennsylvania--Continued							
29	Petroleum and coal products.....	113	113	3	105	5	...	408
30	Rubber and plastics products, nec.....	4	4	1	2	1	...	8
31	Leather and leather products.....	1	1	(³)	1	(³)	(³)	1
32	Stone, clay and glass products.....	38	38	3	31	4	(³)	66
33	Primary metal industries.....	933	932	32	870	29	1	1,215
34	Fabricated metal products.....	7	7	4	1	2	...	10
35	Machinery, except electrical.....	20	20	3	16	1	(³)	23
36	Electrical machinery.....	9	9	6	3	(³)	...	17
37	Transportation equipment.....	4	4	3	1	(³)	(³)	11
38	Instruments and related products.....	1	1	(³)	...	(³)	...	1
39	Miscellaneous manufactures, incl. ordnance.....	1	1	1	(³)	(³)	...	6
	Rhode Island.....	18	15	4	8	2	3	23
20	Food and kindred products.....	1	1	(³)	(³)	1	...	2
22	Textile mill products.....	7	7	1	6	(³)	(³)	8
30	Rubber and plastics products, nec.....	1	1	1	(³)	(³)	...	2
33	Primary metal industries.....	4	2	1	1	(³)	2	5
39	Miscellaneous manufactures, incl. ordnance.....	1	1	1	...	(³)	...	1
	South Carolina.....	89	78	25	49	4	11	143
22	Textile mill products.....	30	30	10	18	2	(³)	39
26	Paper and allied products.....	43	33	15	18	(³)	10	71
	Tennessee.....	237	237	12	191	33	...	546
20	Food and kindred products.....	10	10	1	...	9	...	16
22	Textile mill products.....	3	3	2	(³)	1	...	4
26	Paper and allied products.....	59	59	2	48	9	...	160
28	Chemicals and allied products.....	150	150	2	136	12	...	213
32	Stone, clay and glass products.....	6	6	1	6	(³)	...	8
33	Primary metal industries.....	3	3	2	(³)	(³)	...	12
34	Fabricated metal products.....	1	1	1	...	(³)	...	1
	Texas.....	1,253	310	81	157	73	943	4,376
20	Food and kindred products.....	5	5	3	...	2	(³)	29
22	Textile mill products.....	1	1	(³)	(³)	(³)	...	1
24	Lumber and wood products.....	2	2	(³)	1	1	(³)	3
26	Paper and allied products.....	28	27	9	...	18	1	173
28	Chemicals and allied products.....	926	122	17	86	19	804	1,584
29	Petroleum and coal products.....	205	123	45	52	25	83	2,240
32	Stone, clay and glass products.....	2	2	(³)	(³)	1	(³)	7
33	Primary metal industries.....	75	21	3	13	5	54	274
35	Machinery, except electrical.....	2	2	(³)	1	1	...	22
37	Transportation equipment.....	4	3	1	1	1	(³)	38
	Utah.....	29	26	5	14	6	4	122
20	Food and kindred products.....	5	5	2	2	(³)	...	8
	Vermont.....	8	8	1	7	(³)	...	16
26	Paper and allied products.....	7	7	1	6	...	...	14
	Virginia.....	282	248	15	210	23	34	510
20	Food and kindred products.....	2	2	1	(³)	1	(³)	3
21	Tobacco products.....	1	1	1	...	(³)	...	3
22	Textile mill products.....	8	8	(³)	6	1	...	9
25	Furniture and fixtures.....	1	1	(³)	(³)	(³)	(³)	1
26	Paper and allied products.....	69	65	5	48	12	3	165
28	Chemicals and allied products.....	167	165	4	151	9	3	285
30	Rubber and plastics products, nec.....	1	1	(³)	1	(³)	...	2
32	Stone, clay and glass products.....	2	2	1	1	(³)	(³)	6
33	Primary metal industries.....	3	3	1	2	(³)	...	6
	Washington.....	270	246	104	103	39	24	788
20	Food and kindred products.....	5	5	2	...	3	...	10
24	Lumber and wood products.....	34	23	2	18	3	12	39
26	Paper and allied products.....	188	184	86	76	22	4	643
28	Chemicals and allied products.....	11	5	2	1	3	6	11
29	Petroleum and coal products.....	3	3	2	1	...	(³)	49
32	Stone, clay and glass products.....	2	2	(³)	1	(³)	...	2
33	Primary metal industries.....	24	22	7	7	8	2	29

See footnotes at end of table.

Source of Intake and Point of Discharge, for States, by Industry Groups: 1959—Continued

with 1959 water intake of 20 million gallons or more)

Water discharged and treated													Code
Total ²	Treated prior to discharge	Point of discharge											
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users		
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated			
105	55	1	...	1	104	39	18	(3)	...	...	...	29
4	1	1	...	...	3	(3)	1	(3)	(3)	(3)	...	30
1	(3)	(3)	(3)	(3)	(3)	...	(3)	(3)	(3)	(3)	...	31	
36	1	3	1	(3)	33	(3)	2	(3)	(3)	(3)	...	32	
900	202	23	3	1	873	62	474	(3)	3	...	(3)	33	
7	1	3	(3)	(3)	3	(3)	1	(3)	(3)	...	...	34
19	(3)	2	...	(3)	17	...	1	(3)	(3)	...	...	35
9	1	3	...	1	6	(3)	1	(3)	(3)	...	...	36
4	(3)	2	(3)	(3)	2	(3)	(3)	(3)	(3)	...	...	37
1	(3)	1	...	(3)	(3)	...	(3)	(3)	(3)	...	...	38
1	(3)	1	...	...	(3)	(3)	...	...	...	...	...	39
17	3	3	(3)	(3)	13	2	2	(3)	...	...	(3)	
1	(3)	(3)	(3)	...	1	...	...	...	...	...	(3)	20
7	2	1	(3)	...	6	2	2	(3)	...	...	(3)	22
1	(3)	(3)	(3)	(3)	1	...	...	(3)	...	...	...	30
4	(3)	(3)	(3)	...	3	...	...	(3)	...	...	...	33
1	(3)	1	...	(3)	(3)	...	...	(3)	...	...	...	39
84	2	7	(3)	(3)	76	1	1	1	(3)	...	(3)		
26	1	6	(3)	(3)	19	1	(3)	1	...	...	(3)	22
43	(3)	...	...	...	43	...	...	(3)	(3)	...	...	26
228	47	25	5	2	202	20	130	(3)	...	(3)	...		
10	(3)	8	...	1	2	...	(3)	(3)	...	...	...	20
3	(3)	2	(3)	...	(3)	...	(3)	...	...	...	...	22
56	18	7	5	1	49	...	41	(3)	...	(3)	...	26	
145	27	3	(3)	...	142	20	87	(3)	...	...	...	28
6	(3)	(3)	...	...	6	(3)	...	(3)	...	...	...	32
2	1	1	...	...	1	...	1	(3)	...	...	...	33
1	...	1	...	...	(3)	...	(3)	(3)	...	...	...	34
1,159	333	13	3	1	1,006	318	128	3	(3)	(3)	137		
4	(3)	3	(3)	(3)	1	(3)	(3)	(3)	...	...	(3)	20
1	(3)	(3)	...	(3)	(3)	(3)	...	...	...	...	...	22
1	(3)	(3)	...	(3)	(3)	...	(3)	...	...	...	...	24
23	22	1	...	...	22	21	...	...	...	...	...	26
890	223	4	2	(3)	775	217	49	(3)	(3)	(3)	111	28	
166	85	1	(3)	...	157	80	56	(3)	(3)	(3)	5	29	
2	(3)	(3)	...	...	1	(3)	...	(3)	...	(3)	...	32
68	1	(3)	(3)	...	46	(3)	22	(3)	...	...	21	33
2	(3)	(3)	...	(3)	1	...	1	(3)	...	...	...	35
3	(3)	2	(3)	...	1	(3)	(3)	(3)	(3)	...	(3)	37	
22	3	1	(3)	(3)	21	2	1	(3)	...	(3)	(3)		
4	2	(3)	(3)	(3)	4	(3)	1	...	...	...	(3)	20
8	(3)	(3)	...	(3)	8	...	(3)	(3)	...	...	...
7	...	...	...	...	7	...	...	...	...	...	...	26
262	47	7	(3)	(3)	251	25	152	5	(3)	4	(3)		
2	1	1	(3)	(3)	1	(3)	(3)	(3)	...	...	...	20
1	...	1	...	...	...	...	...	...	...	...	...	21
7	3	(3)	(3)	...	6	2	1	(3)	...	...	...	22
1	...	(3)	...	...	1	...	...	(3)	...	...	...	25
55	17	3	...	...	51	1	41	(3)	(3)	(3)	...	26
164	6	1	(3)	...	160	(3)	110	4	(3)	4	...	28	
1	...	(3)	...	...	1	...	...	...	...	...	...	30
1	(3)	(3)	...	...	1	...	...	(3)	...	...	...	32
3	(3)	(3)	...	...	3	...	...	(3)	(3)	...	...	33
261	36	36	7	3	222	9	89	3	(3)	2	(3)		
5	2	3	1	(3)	2	2	(3)	(3)	(3)	...	(3)	20	
31	1	3	(3)	2	28	...	5	(3)	...	...	...	24
185	24	21	(3)	(3)	164	6	79	(3)	...	...	...	26
11	(3)	(3)	...	(3)	10	(3)	...	(3)	...	...	...	28
2	2	...	...	...	2	2	...	...	...	...	...	29
2	(3)	(3)	...	...	1	...	...	(3)	(3)	(3)	...	32
24	7	8	6	1	14	...	5	2	...	2	(3)	33	

MANUFACTURES—SUMMARY STATISTICS

Table 7.—Quantity of Water Used and Discharged by Manufacturing Establishments, by

(Billion gallons. Represents data for establishments)

Code	State and industry group	Water intake by source						Gross water used, including recirculation or reuse
		Total	Fresh				Brackish ¹	
			Total	From public water systems	From company surface water systems	From company ground water systems		
	West Virginia.....	550	548	5	526	16	2	693
28	Chemicals and allied products.....	401	400	2	386	12	1	479
32	Stone, clay and glass products.....	2	2	1	1	(³)	(³)	12
33	Primary metal industries.....	140	139	1	137	2	1	190
	Wisconsin.....	203	203	35	152	16	1	472
20	Food and kindred products.....	26	26	10	9	7	1	44
26	Paper and allied products.....	132	132	4	123	5	...	353
28	Chemicals and allied products.....	4	4	1	3	(³)	...	4
31	Leather and leather products.....	2	2	1	(³)	(³)	...	2
33	Primary metal industries.....	11	11	7	3	1	...	13
34	Fabricated metal products.....	3	3	2	(³)	(³)	...	8
35	Machinery, except electrical.....	12	12	3	7	1	(³)	17
36	Electrical machinery.....	2	2	2	(³)	(³)	...	5
37	Transportation equipment.....	3	3	3	(³)	(³)	...	15
	Wyoming.....	6	6	3	3	1	...	41
29	Petroleum and coal products.....	4	4	1	2	(³)	...	36

Note: Detail figures may not add to totals because of independent rounding.

¹Containing more than 1,000 parts per million of dissolved solids.

Source of Intake and Point of Discharge, for States, by Industry Groups: 1959 -Continued

with 1959 water intake of 20 million gallons or more)

Water discharged and treated												Code
Total ²	Treated prior to discharge	Point of discharge										
		Public utility sewer			Surface water body			Ground wells, etc.			Transferred to other users	
		Total ²	All treated	Part treated	Total ²	All treated	Part treated	Total ²	All treated	Part treated		
540	6	7	(³)	1	531	2	148	2	(³)	2	...	
393	4	1	(³)	(³)	390	2	91	2	(³)	2	...	28
3	(³)	1	(³)	...	2	(³)	...	...	...	...	...	32
140	1	4	...	1	136	...	57	...	...	...	...	33
192	56	36	3	3	153	21	69	3	(³)	(³)	(³)	
25	3	13	2	2	11	(³)	6	(³)	(³)	...	(³)	20
124	48	3	(³)	(³)	118	18	62	2	(³)	...	(³)	26
4	(³)	1	...	(³)	3	...	...	(³)	...	...	(³)	28
2	(³)	1	(³)	...	(³)	...	...	...	...	...	...	31
10	3	7	(³)	1	3	3	...	...	...	...	...	33
2	(³)	2	...	(³)	1	...	(³)	(³)	...	(³)	(³)	34
11	(³)	3	(³)	(³)	9	...	(³)	(³)	...	...	...	35
2	(³)	2	(³)	(³)	(³)	...	(³)	(³)	...	...	...	36
3	1	2	...	(³)	1	1	...	...	...	...	...	37
4	(³)	1	...	...	3	...	(³)	(³)	...	...	...
2	(³)	1	...	...	1	...	(³)	(³)	...	...	...	29

²Includes quantities not treated or for which no information on treatment reported.³Less than 500 million gallons.

Table 8.--Quantity of Water Used and Discharged by Manufacturing Establishments Recirculating

(Represents data for establishments with a

Code	Industry group	1959						
		All employees (number)	Purpose of water intake					
			All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
			Total (billion gallons)	Treated prior to use (billion gallons)				
	United States, total ⁴	xxx	10,624	1,777	2,646	2,423	4,757	799
20	Food and kindred products.....	490,365	518	63	138	48	265	67
201	Meat products.....	127,991	68	11	31	4	21	13
202	Dairy products.....	50,454	22	2	4	1	10	8
203	Canned and frozen foods.....	92,560	78	12	36	(5)	34	8
204	Grain mill products.....	27,868	49	8	7	5	32	5
205	Bakery products.....	31,149	3	(5)	1	(5)	1	1
206	Sugar.....	28,158	162	9	37	28	89	7
207	Candy and related products.....	25,935	18	1	1	5	11	1
208	Beverages.....	61,973	75	12	16	3	37	18
209	Other food preparations.....	24,277	43	8	5	2	30	6
21	Tobacco products.....	42,411	3	1	1	(5)	1	2
211	Cigarettes.....	35,870	2	1	1	(5)	1	1
22	Textile mill products.....	245,726	91	48	58	13	7	12
221	Weaving mills, cotton.....	106,276	20	11	11	3	2	4
222	Weaving mills, synthetics.....	23,850	3	2	2	(5)	1	1
223	Weaving, finishing mills, wool.....	12,406	9	6	7	(5)	(5)	1
225	Knitting mills.....	19,405	2	1	2	...	(5)	(5)
226	Textile finishing, except wool.....	30,795	40	25	30	7	(5)	3
227	Floor covering mills.....	45,333	4	1	2	1	(5)	1
228	Yarn and thread mills.....	17,656	5	2	3	1	(5)	1
229	Miscellaneous textile goods.....	20,005	6	1	2	(5)	3	1
23	Apparel and related products.....	13,701	9	2	8	(5)	(5)	1
24	Lumber and wood products.....	58,161	110	6	8	78	6	17
242	Sawmills and planing mills.....	36,761	99	5	7	73	4	15
243	Millwork and related products.....	16,078	9	(5)	1	5	1	2
25	Furniture and fixtures.....	24,670	2	(5)	(5)	(5)	(5)	1
26	Paper and allied products.....	256,159	1,884	823	1,183	431	165	106
261	Pulp mills.....	14,122	267	172	212	27	14	14
262	Paper mills, except building.....	125,721	1,069	470	660	284	64	63
263	Paperboard mills.....	51,878	458	152	247	109	81	22
264	Paper and paperboard products.....	26,026	26	15	18	3	3	3
265	Paperboard containers and boxes.....	21,362	10	2	7	1	1	2
266	Building paper and board mills.....	17,050	54	12	40	7	3	4
27	Printing and publishing.....	91,927	5	1	1	(5)	2	2
271	Newspapers.....	53,953	1	1	(5)	...	1	1
275	Commercial printing.....	19,843	2	(5)	(5)	(5)	1	1
28	Chemicals and allied products.....	373,679	2,633	276	197	489	1,799	148
281	Basic chemicals.....	146,284	2,103	165	112	429	1,460	101
282	Fibers, plastics, rubbers.....	107,605	343	89	48	44	220	30
283	Drugs.....	57,873	54	6	4	6	40	4
284	Cleaning and toilet goods.....	21,952	23	2	2	(5)	17	4
285	Paints and varnishes.....	9,629	7	1	(5)	...	6	1
286	Gum and wood chemicals.....	4,813	33	3	5	2	22	3
287	Agricultural chemicals.....	6,477	38	1	12	5	19	1
289	Other chemical products.....	19,046	33	9	13	2	15	3
29	Petroleum and coal products.....	135,703	1,232	139	83	57	1,010	83
291	Petroleum refining.....	130,783	1,225	139	79	56	1,008	81
295	Paving and roofing materials.....	4,143	7	(5)	4	(5)	1	2
30	Rubber and plastics products, nec.....	185,298	97	13	14	19	49	15
301	Tires and inner tubes.....	79,345	50	7	7	18	17	8
306	Fabricated rubber products, nec.....	72,318	36	2	5	2	24	5
307	Plastics products, nec.....	21,030	9	3	2	(5)	5	1
31	Leather and leather products.....	12,920	7	1	6	(5)	1	1

See footnotes at end of table.

Water, by Purpose, Kind, and Source of Water for Industry Groups: 1959 and 1954

water intake of 20 million gallons or more)

1959--Continued							1954 ¹			Code
Source of water intake					Gross water use, including recirculation or reuse ³	Total water discharged	total water			
Fresh, by source				Brackish ²			Intake	Gross water use, including recirculation or reuse	Discharged	
Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)							
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
8,542	1,132	6,361	1,051	2,079	25,068	9,948	9,050	18,663	8,373	
458	126	150	182	60	1,192	470	453	1,154	400	20
67	28	3	36	1	143	63	(NA)	(NA)	(NA)	201
22	10	1	11	(5)	41	20	(NA)	(NA)	(NA)	202
74	27	5	42	4	114	72	(NA)	(NA)	(NA)	203
43	5	26	12	6	67	44	(NA)	(NA)	(NA)	204
3	2	(5)	1	(5)	5	2	(NA)	(NA)	(NA)	205
130	11	88	31	32	255	148	(NA)	(NA)	(NA)	206
16	3	6	7	3	32	17	(NA)	(NA)	(NA)	207
72	29	16	27	4	425	65	(NA)	(NA)	(NA)	208
31	11	4	17	12	109	38	(NA)	(NA)	(NA)	209
3	3	...	(5)	...	44	2	3	12	2	21
2	2	...	(5)	...	40	2	(NA)	(NA)	(NA)	211
90	23	60	7	(5)	137	79	125	155	104	22
20	4	13	2	...	34	17	(NA)	(NA)	(NA)	221
3	2	1	(5)	(5)	5	3	(NA)	(NA)	(NA)	222
9	3	6	(5)	(5)	15	8	(NA)	(NA)	(NA)	223
2	1	(5)	1	...	9	2	(NA)	(NA)	(NA)	225
40	8	31	2	(5)	50	35	(NA)	(NA)	(NA)	226
4	1	2	1	...	5	3	(NA)	(NA)	(NA)	227
5	2	3	(5)	...	8	5	(NA)	(NA)	(NA)	228
6	3	3	(5)	(5)	10	6	(NA)	(NA)	(NA)	229
9	9	...	(5)	(5)	10	9	...	...	...	23
88	5	72	10	23	154	100	106	132	80	24
78	2	67	9	21	137	90	(NA)	(NA)	(NA)	242
8	2	5	1	1	12	8	(NA)	(NA)	(NA)	243
2	1	(5)	(5)	(5)	3	2	2	3	2	25
1,724	214	1,177	334	159	5,989	1,774	1,670	4,133	1,524	26
255	50	131	74	12	788	263	(NA)	(NA)	(NA)	261
987	92	759	136	82	3,341	1,005	(NA)	(NA)	(NA)	262
393	65	223	106	64	1,548	424	(NA)	(NA)	(NA)	263
26	4	14	7	(5)	76	25	(NA)	(NA)	(NA)	264
10	1	7	2	(5)	121	10	(NA)	(NA)	(NA)	265
53	2	42	10	1	119	48	(NA)	(NA)	(NA)	266
5	3	(5)	1	(5)	39	4	6	11	5	27
1	1	...	(5)	...	11	1	(NA)	(NA)	(NA)	271
2	2	(5)	1	(5)	6	2	(NA)	(NA)	(NA)	275
1,768	116	1,434	219	864	4,617	2,470	1,841	3,450	1,757	28
1,298	72	1,116	109	806	3,451	1,990	(NA)	(NA)	(NA)	281
339	20	279	41	3	785	320	(NA)	(NA)	(NA)	282
33	11	7	15	21	96	51	(NA)	(NA)	(NA)	283
14	5	4	6	8	80	19	(NA)	(NA)	(NA)	284
7	2	5	(5)	(5)	11	7	(NA)	(NA)	(NA)	285
29	1	11	17	4	54	29	(NA)	(NA)	(NA)	286
22	1	2	19	15	70	30	(NA)	(NA)	(NA)	287
26	3	12	11	2	70	24	(NA)	(NA)	(NA)	289
655	130	431	94	577	5,692	1,118	1,150	4,062	1,040	29
648	127	430	92	576	5,681	1,115	(NA)	(NA)	(NA)	291
6	2	1	2	1	10	3	(NA)	(NA)	(NA)	295
93	22	51	19	4	306	89	107	184	99	30
50	10	29	11	(5)	111	45	(NA)	(NA)	(NA)	301
33	9	19	4	3	59	34	(NA)	(NA)	(NA)	306
8	2	3	3	1	132	8	(NA)	(NA)	(NA)	307
7	3	2	2	(5)	9	7	14	15	12	31

MANUFACTURES—SUMMARY STATISTICS

Table 8.--Quantity of Water Used and Discharged by Manufacturing Establishments Recirculating

(Represents data for establishments with a

Code	Industry group	1959						
		All employees (number)	Purpose of water intake					
			All purposes		Process (billion gallons)	Steam electric generating (billion gallons)	Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)
			Total (billion gallons)	Treated prior to use (billion gallons)				
32	Stone, clay and glass products.....	162,917	223	31	45	122	37	18
321	Flat glass.....	22,939	37	8	10	16	7	4
322	Pressed and blown glassware.....	55,319	12	6	3	(5)	5	4
324	Cement, hydraulic.....	26,089	138	6	12	103	18	5
327	Concrete and plaster products.....	5,597	5	(5)	2	(5)	(5)	2
329	Nonmetallic minerals, nec.....	32,723	24	9	15	1	6	2
33	Primary metal industries.....	715,106	3,284	320	792	1,040	1,256	196
331	Steel rolling and finishing.....	473,216	2,887	291	729	812	1,182	164
332	Iron and steel foundries.....	65,564	26	1	7	2	12	6
333	Primary nonferrous metals.....	33,023	292	8	29	216	32	16
334	Secondary nonferrous metals.....	3,341	3	(5)	1	...	1	1
335	Nonferrous rolling and drawing.....	105,564	68	18	25	10	27	6
336	Nonferrous foundries.....	13,070	2	(5)	1	...	1	(5)
339	Primary metal industries, nec.....	21,328	6	1	1	(5)	2	2
34	Fabricated metal products.....	216,844	30	3	12	1	9	7
341	Metal cans.....	17,641	2	1	(5)	...	1	1
342	Cutlery, hand tools, hardware.....	46,215	8	(5)	4	1	2	1
343	Plumbing and nonelectric heating.....	16,796	2	(5)	1	(5)	1	1
344	Structural metal products.....	45,009	6	(5)	2	(5)	2	2
345	Screw machine products and bolts.....	19,768	3	(5)	2	...	(5)	(5)
346	Metal stampings.....	27,568	4	(5)	2	...	2	1
349	Fabricated metal products, nec.....	38,300	4	(5)	2	(5)	1	1
35	Machinery, except electrical.....	410,074	141	8	14	69	41	18
351	Engines and turbines.....	57,615	69	1	3	40	21	5
352	Farm machinery and equipment.....	57,691	34	2	2	25	3	3
353	Construction and like equipment.....	63,629	7	3	1	...	4	2
354	Metalworking machinery.....	38,080	4	(5)	1	(5)	2	2
355	Special industry machinery.....	17,452	4	(5)	(5)	2	(5)	1
356	General industrial machinery.....	70,986	8	1	3	(5)	3	2
357	Office machines, nec.....	65,278	10	(5)	1	2	5	2
358	Service industry machines.....	26,093	3	(5)	1	(5)	1	1
359	Machine shops.....	13,250	2	(5)	1	(5)	1	(5)
36	Electrical machinery.....	463,884	82	5	20	28	21	13
361	Electric distribution products.....	52,691	15	(5)	1	9	2	2
362	Electric industrial apparatus.....	75,429	11	1	3	(5)	5	3
363	Household appliances.....	76,521	15	1	6	...	7	2
364	Lighting and wiring devices.....	24,099	4	(5)	2	(5)	(5)	1
365	Radio, TV, receiving equipment.....	29,000	2	(5)	1	...	1	1
366	Communication equipment.....	110,704	25	1	3	18	1	3
367	Electronic components.....	63,542	6	1	2	(5)	3	1
369	Electrical products, nec.....	31,898	4	(5)	3	(5)	1	1
37	Transportation equipment.....	1,116,980	235	25	53	22	77	83
371	Motor vehicles and equipment.....	461,828	111	14	27	1	18	65
372	Aircraft and parts.....	579,353	99	10	24	18	45	11
373	Ships and boats.....	46,956	18	(5)	1	(5)	11	5
374	Railroad equipment.....	24,104	7	1	1	2	2	2
38	Instruments and related products.....	116,703	20	8	9	3	4	4
386	Photographic equipment.....	39,080	11	7	7	(5)	3	1
39	Miscellaneous manufactures, incl. ordnance...	209,558	18	4	6	1	5	6
394	Toys and sporting goods.....	8,676	4	1	2	(5)	1	1
19-	Ordnance and accessories.....	180,002	9	3	2	(5)	3	4

Note: Detail figures may not add to totals because of independent rounding.

NA Not available.

¹Revised to conform with the Standard Industrial Classification Manual issued in 1957. See text for explanation.²Containing more than 1,000 parts per million of dissolved solids.

INDUSTRIAL WATER USE

11-81

Water, by Purpose, Kind, and Source of Water for Industry Groups: 1959 and 1954--Continued

water intake of 20 million gallons or more)

1959--Continued							1954 ¹			Code
Source of water intake					Gross water use, including recirculation or reuse ³	Total water discharged	total water			
Fresh, by source				Brackish ²			Intake	Gross water use, including recirculation or reuse	Discharged	
Total	From public water systems	From company surface water systems	From company ground water systems							
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
207	18	166	24	16	587	201	197	492	179	32
37	4	32	1	..	68	37	(NA)	(NA)	(NA)	321
12	6	2	4	(5)	41	11	(NA)	(NA)	(NA)	322
132	2	121	9	6	265	122	(NA)	(NA)	(NA)	324
4	1	1	3	1	156	2	(NA)	(NA)	(NA)	327
15	3	6	6	9	49	21	(NA)	(NA)	(NA)	329
2,998	250	2,649	100	285	5,255	3,142	2,885	3,993	2,741	33
2,682	207	2,412	63	205	4,489	2,773	(NA)	(NA)	(NA)	331
26	11	13	2	(5)	44	22	(NA)	(NA)	(NA)	332
223	5	194	24	69	565	273	(NA)	(NA)	(NA)	333
2	(5)	(5)	2	1	4	3	(NA)	(NA)	(NA)	334
58	21	29	8	10	136	64	(NA)	(NA)	(NA)	335
2	1	(5)	(5)	(5)	5	2	(NA)	(NA)	(NA)	336
6	5	(5)	1	...	13	4	(NA)	(NA)	(NA)	339
29	22	1	5	1	56	28	90	115	85	34
2	1	...	1	...	4	2	(NA)	(NA)	(NA)	341
7	5	(5)	2	1	15	8	(NA)	(NA)	(NA)	342
2	2	(5)	(5)	...	7	2	(NA)	(NA)	(NA)	343
6	4	1	1	...	12	5	(NA)	(NA)	(NA)	344
3	2	(5)	1	...	5	2	(NA)	(NA)	(NA)	345
4	4	(5)	(5)	(5)	7	4	(NA)	(NA)	(NA)	346
4	4	(5)	1	...	6	4	(NA)	(NA)	(NA)	349
117	28	76	13	23	222	136	^e 175	^e 142	^e 229	35
48	4	41	1	21	78	68	(NA)	(NA)	(NA)	351
34	5	27	2	(5)	45	34	(NA)	(NA)	(NA)	352
7	2	3	2	(5)	37	7	(NA)	(NA)	(NA)	353
4	3	(5)	1	(5)	9	4	(NA)	(NA)	(NA)	354
1	1	(5)	(5)	2	4	1	(NA)	(NA)	(NA)	355
8	5	1	2	...	15	7	(NA)	(NA)	(NA)	356
10	2	4	4	...	20	10	(NA)	(NA)	(NA)	357
3	3	...	(5)	...	7	2	(NA)	(NA)	(NA)	358
2	2	...	1	...	5	2	(NA)	(NA)	(NA)	359
72	37	23	12	11	149	77	(^e)	(^e)	(^e)	36
15	5	10	(5)	...	26	14	(NA)	(NA)	(NA)	361
11	6	3	2	...	21	10	(NA)	(NA)	(NA)	362
15	9	(5)	6	(5)	22	13	(NA)	(NA)	(NA)	363
4	3	(5)	1	...	9	4	(NA)	(NA)	(NA)	364
2	2	(5)	(5)	...	5	2	(NA)	(NA)	(NA)	365
15	5	9	1	11	44	25	(NA)	(NA)	(NA)	366
6	4	1	2	...	14	6	(NA)	(NA)	(NA)	367
4	3	1	1	...	8	4	(NA)	(NA)	(NA)	369
180	104	55	21	55	497	204	173	267	164	37
111	52	53	6	(5)	283	106	(NA)	(NA)	(NA)	371
62	48	1	13	37	173	74	(NA)	(NA)	(NA)	372
2	2	(5)	(5)	15	27	18	(NA)	(NA)	(NA)	373
4	2	1	1	2	14	6	(NA)	(NA)	(NA)	374
20	6	11	4	(5)	58	19	19	53	17	38
11	1	7	3	...	44	10	(NA)	(NA)	(NA)	386
17	11	4	3	(5)	49	16	31	56	30	39
4	3	(5)	(5)	...	5	3	(NA)	(NA)	(NA)	394
9	6	1	2	(5)	34	8	(NA)	(NA)	(NA)	19-

³Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.⁴The 1959 figures include data for establishments located in Hawaii and Alaska which reported a 1959 water intake of 75 billion gallons.⁵Less than 500 million gallons.⁶Represents figures for SIC groups 35 and 36 combined.

MANUFACTURES—SUMMARY STATISTICS

Table 9.—Quantity of Water Used and Discharged by Manufacturing Establishments
Quantity Discharged by Point of

(Represents data for establishments with a

Code	Industry group	Value added by manufacture ¹	Total water intake	Gross water used, including recirculation and reuse			
				Number of establishments ²			
				Total	Treated prior to recirculation or reuse	Purpose of recirculation	
		(million dollars)	(billion gallons)			Process	Steam electric generation
	United States, total ⁴	xxx	10,624	5,520	1,872	2,652	558
20	Food and kindred products.....	6,617	518	1,231	384	525	71
201	Meat products.....	1,207	68	162	49	55	17
202	Dairy products.....	639	22	253	64	48	6
203	Canned and frozen foods.....	1,030	78	279	78	181	5
204	Grain mill products.....	585	49	36	12	16	4
205	Bakery products.....	419	3	41	11	9	1
206	Sugar.....	344	162	100	38	87	17
207	Candy and related products.....	296	18	35	11	10	1
208	Beverages.....	1,514	75	202	74	84	15
209	Other food preparations.....	583	43	122	47	35	5
21	Tobacco products.....	1,149	3	20	12	1	5
211	Cigarettes.....	1,085	2	13	10	1	4
22	Textile mill products.....	1,654	91	296	57	67	26
221	Weaving mills, cotton.....	700	20	88	15	20	10
222	Weaving mills, synthetics.....	150	3	33	8	2	1
223	Weaving, finishing mills, wool.....	95	9	26	5	7	5
225	Knitting mills.....	110	2	28	7	2	...
226	Textile finishing, except wool.....	179	40	41	3	15	6
227	Floor covering mills.....	170	4	15	3	5	1
228	Yarn and thread mills.....	95	5	30	7	6	...
229	Miscellaneous textile goods.....	154	6	35	9	10	3
23	Apparel and related products.....	71	9	13	6	2	...
24	Lumber and wood products.....	443	110	131	39	31	50
242	Sawmills and planing mills.....	277	99	70	15	17	39
243	Millwork and related products.....	136	9	42	16	11	8
25	Furniture and fixtures.....	225	2	24	2	10	4
26	Paper and allied products.....	(D)	1,885	587	201	521	139
261	Pulp mills.....	(D)	267	34	11	32	13
262	Paper mills, except building.....	1,729	1,069	237	79	219	61
263	Paperboard mills.....	807	458	179	65	171	50
264	Paper and paperboard products.....	354	26	60	23	41	7
265	Paperboard containers and boxes.....	216	10	31	13	14	4
266	Building paper and board mills.....	205	54	46	10	44	4
27	Printing and publishing.....	969	5	52	14	20	2
271	Newspapers.....	565	1	27	5	12	...
275	Commercial printing.....	184	2	16	7	5	2
28	Chemicals and allied products.....	8,498	2,633	688	264	289	67
281	Basic chemicals.....	3,278	2,103	343	143	137	28
282	Fibers, plastics, rubbers.....	2,062	343	112	57	50	27
283	Drugs.....	1,512	54	59	23	22	3
284	Cleaning and toilet goods.....	984	23	38	11	16	2
285	Paints and varnishes.....	192	7	26	9	6	...
286	Gum and wood chemicals.....	70	33	15	2	7	2
287	Agricultural chemicals.....	120	38	32	7	16	1
289	Other chemical products.....	278	33	63	12	35	4
29	Petroleum and coal products.....	2,401	1,232	216	145	72	19
291	Petroleum refining.....	2,341	1,225	198	141	63	19
295	Paving and roofing materials.....	49	7	14	2	8	...
30	Rubber and plastics products, nec.....	2,116	97	189	48	88	7
301	Tires and inner tubes.....	1,124	50	42	11	28	1
306	Fabricated rubber products, nec.....	673	36	100	22	44	4
307	Plastics products, nec.....	209	9	37	10	12	2
31	Leather and leather products.....	111	7	33	11	14	6

See footnotes at end of table.

Recirculating Water, Number of Establishments by Purpose of Recirculation and Discharge, for Industry Groups: 1959

water intake of 20 million gallons or more)

Gross water used, including recirculation and reuse-- Continued			Water discharged							Code
Number of establishments ² --Continued			Quantity ³ (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	Point of discharge				
Purpose of recirculation-- Continued						Public utility sewer (billion gallons)	Surface water body (billion gallons)	Ground, wells, etc. (billion gallons)	Transferred to other users (billion gallons)	
Other cooling and conditioning	Boiler feed, etc.	Unspecified								
3,860	3,200	39	25,068	9,948	1,968	811	8,896	86	155	
921	733	7	1,192	470	62	168	265	20	17	20
131	88	...	143	63	11	45	16	1	(⁵)	201
209	156	1	40	20	1	14	5	1	(⁵)	202
146	137	1	114	72	15	31	32	8	1	203
27	20	...	67	44	6	13	31	1	...	204
36	28	...	5	2	(⁵)	2	(⁵)	(⁵)	(⁵)	205
82	78	...	255	148	21	6	121	7	15	206
32	25	1	32	17	(⁵)	3	13	(⁵)	(⁵)	207
163	131	4	425	65	3	41	24	1	(⁵)	208
93	69	...	109	38	5	14	23	1	(⁵)	209
17	16	...	44	2	(⁵)	2	(⁵)	(⁵)	...	21
12	11	...	40	2	(⁵)	2	(⁵)	...	...	211
178	235	1	137	79	14	22	56	(⁵)	1	22
56	66	...	34	17	1	5	12	(⁵)	...	221
27	26	...	5	3	(⁵)	1	2	...	...	222
15	22	...	15	8	2	2	6	(⁵)	...	223
15	22	...	9	2	(⁵)	2	(⁵)	...	...	225
14	30	1	50	35	9	9	26	(⁵)	1	226
9	11	...	5	3	1	1	2	...	...	227
23	22	...	8	5	(⁵)	1	4	(⁵)	...	228
19	26	...	10	6	1	2	4	(⁵)	...	229
6	10	1	10	9	...	8	(⁵)	(⁵)	...	23
42	107	...	154	100	29	5	90	1	3	24
18	57	...	137	90	29	4	82	1	3	242
13	39	...	12	8	(⁵)	1	7	(⁵)	(⁵)	243
16	18	...	3	2	(⁵)	1	1	(⁵)	...	25
213	360	11	5,989	1,774	403	75	1,690	9	1	26
11	21	1	788	263	40	7	256	(⁵)	...	261
77	152	4	3,341	1,005	212	32	968	5	(⁵)	262
54	114	1	1,548	424	120	27	394	3	(⁵)	263
41	34	3	76	25	11	5	20	(⁵)	(⁵)	264
18	17	1	121	10	5	2	8	(⁵)	...	265
12	22	1	119	48	9	2	46	(⁵)	...	266
41	26	...	39	4	(⁵)	4	1	(⁵)	...	27
20	12	...	11	1	(⁵)	1	...	(⁵)	...	271
14	10	...	6	2	(⁵)	2	(⁵)	(⁵)	...	275
564	353	7	4,617	2,470	261	90	2,255	17	109	28
284	161	2	3,451	1,990	137	52	1,823	7	108	281
99	63	...	785	320	91	15	300	6	(⁵)	282
47	40	1	96	51	4	9	39	3	(⁵)	283
34	30	...	80	19	1	6	12	(⁵)	(⁵)	284
16	11	1	11	7	(⁵)	2	4	(⁵)	(⁵)	285
12	7	1	54	29	15	1	27	(⁵)	...	286
22	8	2	70	30	10	(⁵)	29	1	(⁵)	287
50	33	...	70	24	4	4	20	1	(⁵)	289
182	148	2	5,692	1,118	623	9	1,102	5	2	29
176	139	2	5,681	1,115	621	8	1,100	5	2	291
4	7	...	10	3	1	1	2	(⁵)	...	295
143	110	3	306	89	3	18	69	2	1	30
34	26	...	111	45	1	8	37	(⁵)	...	301
74	58	2	59	34	1	6	27	1	(⁵)	306
27	23	...	132	8	2	4	3	1	(⁵)	307
15	24	...	9	7	1	4	3	1	...	31

MANUFACTURES—SUMMARY STATISTICS

Table 9.—Quantity of Water Used and Discharged by Manufacturing Establishments
Quantity Discharged by Point of Discharge,

(Represents data for establishments with a

Code	Industry group	Value added by manufacture ¹ (million dollars)	Total water intake (billion gallons)	Gross water used, including recirculation and reuse			
				Number of establishments ²			
				Total	Treated prior to recirculation or reuse	Purpose of recirculation	
						Process	Steam electric generation
32	Stone, clay and glass products.....	2,252	223	285	89	116	38
321	Flat glass.....	358	37	17	10	11	2
322	Pressed and blown glassware.....	591	12	57	28	21	3
324	Cement, hydraulic.....	528	138	99	18	32	29
327	Concrete and plaster products.....	91	5	21	5	7	1
329	Nonmetallic minerals, nec.....	524	24	62	21	32	...
33	Primary metal industries.....	9,116	3,284	551	167	324	63
331	Steel rolling and finishing.....	6,333	2,887	234	61	133	38
332	Iron and steel foundries.....	615	26	85	24	40	6
333	Primary nonferrous metal.....	543	292	59	19	34	13
334	Secondary nonferrous metals.....	18	3	7	3	5	...
335	Nonferrous rolling and drawing.....	1,295	68	117	41	90	5
336	Nonferrous foundries.....	108	2	22	9	11	...
339	Primary metal industries, nec.....	204	6	27	10	11	1
34	Fabricated metal products.....	2,270	30	260	61	129	9
341	Metal cans.....	190	2	18	5	4	1
342	Cutlery, hand tools, hardware.....	561	8	46	9	23	1
343	Plumbing and nonelectric heating.....	180	2	24	4	15	2
344	Structural metal products.....	374	6	48	14	21	2
345	Screw machine products and bolts.....	215	3	24	7	17	...
346	Metal stampings.....	300	4	38	7	14	...
349	Fabricated metal products, nec.....	402	4	50	12	29	3
35	Machinery, except electrical.....	4,499	141	224	85	94	17
351	Engines and turbines.....	725	69	27	12	12	4
352	Farm machinery and equipment.....	685	34	31	10	13	4
353	Construction and like equipment.....	708	7	33	14	15	1
354	Metalworking machinery.....	383	4	27	11	8	1
355	Special industry machinery.....	144	4	17	6	8	1
356	General industrial machinery.....	722	8	44	13	15	3
357	Office machines, nec.....	672	10	16	7	7	1
358	Service industry machines.....	316	3	17	8	11	1
359	Machine shops.....	143	2	12	4	5	1
36	Electrical machinery.....	5,238	82	247	94	100	14
361	Electric distribution products.....	648	15	30	11	15	4
362	Electric industrial apparatus.....	868	11	49	18	22	5
363	Household appliances.....	915	15	36	12	17	1
364	Lighting and wiring devices.....	283	4	24	7	8	2
365	Radio, TV, receiving equipment.....	330	2	14	6	4	...
366	Communication equipment.....	1,167	25	35	18	17	2
367	Electronic components.....	616	6	37	14	6	...
369	Electrical products, nec.....	411	4	22	8	11	...
37	Transportation equipment.....	13,005	235	344	144	198	11
371	Motor vehicles and equipment.....	7,200	111	208	94	132	5
372	Aircraft and parts.....	5,093	99	100	40	56	4
373	Ships and boats.....	382	18	17	1	2	...
374	Railroad equipment.....	293	7	14	7	7	2
38	Instruments and related products.....	1,464	20	53	22	22	4
386	Photographic equipment.....	672	11	11	6	4	3
39	Miscellaneous manufactures, incl. ordnance.....	3,095	18	77	27	29	6
394	Toys and sporting goods.....	76	4	9	1	7	...
19-	Ordnance and accessories.....	2,825	9	46	21	15	3

Note: Detailed figures may not add to totals because of independent rounding.

¹Adjusted value added by manufacture. See text for explanation.

Recirculating Water, Number of Establishments by Purpose of Recirculation and for Industry Groups: 1959-Continued

water intake of 20 million gallons or more)

Gross water used, including recirculation and reuse-- Continued				Water discharged							Code
Number of establishments ² --Continued			Quantity ³ (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	Point of discharge					
Purpose of recirculation-- Continued						Public utility sewer (billion gallons)	Surface water body (billion gallons)	Ground, wells, etc. (billion gallons)	Transferred to other user (billion gallons)		
Other cooling and conditioning	Boiler feed, etc.	Unspecified									
187	121	1	587	204	10	12	188	3	(5)	32	
14	8	...	68	37	1	(5)	36	(5)	...	321	
48	25	...	41	11	4	5	6	(5)	(5)	322	
62	32	...	265	122	1	1	120	2	(5)	324	
8	12	...	156	2	1	(5)	2	1	(5)	327	
37	26	1	49	24	3	5	18	1	...	329	
416	250	4	5,255	3,142	506	230	2,870	20	22	33	
179	97	1	4,489	2,773	458	191	2,573	8	(5)	331	
65	34	3	44	22	4	9	13	1	...	332	
44	34	...	565	273	37	6	238	8	21	333	
5	1	...	4	3	(5)	1	2	(5)	(5)	334	
90	59	...	136	64	7	18	44	2	(5)	335	
16	9	...	5	2	(5)	1	1	(5)	...	336	
17	16	...	13	4	(5)	4	1	(5)	...	339	
167	136	...	56	28	3	18	9	(5)	(5)	34	
16	8	...	4	2	(5)	1	(5)	(5)	(5)	341	
27	23	...	15	8	1	5	2	(5)	...	342	
19	15	...	7	2	(5)	1	1	(5)	...	343	
34	25	...	12	5	(5)	2	3	(5)	(5)	344	
15	10	...	5	2	(5)	2	(5)	...	...	345
24	21	...	7	4	(5)	3	1	(5)	...	346	
27	26	...	6	4	(5)	3	1	(5)	...	349	
171	146	...	222	136	22	27	107	1	(5)	35	
19	20	...	78	68	7	3	65	(5)	...	351	
21	25	...	45	34	10	4	29	(5)	(5)	352	
25	22	...	37	7	3	3	4	(5)	...	353	
19	20	...	9	4	(5)	3	1	(5)	...	354	
12	11	...	4	1	(5)	1	(5)	...	...	355
37	21	...	15	7	(5)	5	2	(5)	...	356	
15	10	...	20	10	1	5	4	1	...	357	
13	11	...	7	2	(5)	2	1	(5)	...	358	
10	6	...	5	2	1	2	(5)	(5)	...	359	
192	128	1	149	77	6	32	45	1	(5)	36	
25	15	...	26	14	(5)	4	11	(5)	(5)	361	
40	22	...	21	10	2	6	4	(5)	(5)	362	
21	27	...	22	13	2	6	7	(5)	...	363	
16	12	1	9	4	(5)	3	(5)	(5)	...	364	
10	6	...	5	2	(5)	2	(5)	(5)	...	365	
31	17	...	44	25	1	5	19	(5)	...	366	
31	14	...	14	6	1	3	3	(5)	(5)	367	
18	15	...	8	4	(5)	4	1	(5)	...	369	
283	213	...	497	204	17	69	132	3	1	37	
171	133	...	283	106	11	45	60	(5)	(5)	371	
87	59	...	173	74	6	18	53	3	(5)	372	
13	9	...	27	18	(5)	1	17	(5)	(5)	373	
9	10	...	14	6	1	5	1	(5)	...	374	
44	31	...	58	19	7	7	12	(5)	...	38	
10	8	...	44	10	6	4	7	(5)	...	386	
62	45	1	49	16	2	10	5	1	(5)	39	
5	6	...	5	3	(5)	3	(5)	(5)	(5)	394	
39	24	1	34	8	1	5	2	1	(5)	19-	

²The sum of the number of establishments shown by purpose exceeds the total number of establishments recirculating or reusing water because some establishments indicate more than one purpose.

³Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.

⁴The 1959 figures include data for establishments located in Hawaii and Alaska which reported a 1959 water intake of 75 billion gallons.

⁵Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 10.—Quantity of Water Used and Discharged by Manufacturing Establishments Recirculating

(Represents data for establishments with a

Code	Water use region and industry group	All employees (number)	Purpose of water intake			
			All purposes		Process (billion gallons)	Steam electric generating (billion gallons)
			Total (billion gallons)	Treated prior to use (billion gallons)		
	UNITED STATES, TOTAL.....	xxx	10,624	1,777	2,646	2,423
	NEW ENGLAND REGION.....	350,911	488	132	231	89
20	Food and kindred products.....	12,853	12	1	2	1
22	Textile mill products.....	19,139	15	3	9	3
26	Paper and allied products.....	34,966	232	117	170	26
28	Chemicals and allied products.....	9,538	36	2	8	7
30	Rubber and plastics products, nec.....	32,410	21	1	1	1
33	Primary metal industries.....	26,367	27	3	9	6
35	Machinery, except electrical.....	41,860	28	1	1	18
36	Electrical machinery.....	33,239	12	(^a)	2	6
37	Transportation equipment.....	66,355	67	1	15	18
	DELAWARE AND HUDSON REGION.....	668,464	1,115	111	155	269
20	Food and kindred products.....	72,715	66	8	12	2
22	Textile mill products.....	15,776	14	5	7	6
26	Paper and allied products.....	24,442	161	21	53	99
28	Chemicals and allied products.....	79,972	165	36	18	24
29	Petroleum and coal products.....	20,201	339	18	22	17
30	Rubber and plastics products, nec.....	19,797	7	1	2	(^a)
32	Stone, clay and glass products.....	22,683	24	1	3	14
33	Primary metal industries.....	72,207	250	14	29	71
35	Machinery, except electrical.....	39,595	39	1	2	17
36	Electrical machinery.....	84,384	27	1	2	18
37	Transportation equipment.....	73,635	7	1	2	...
	CHESAPEAKE BAY REGION.....	272,380	522	91	137	117
20	Food and kindred products.....	27,979	24	1	3	4
26	Paper and allied products.....	13,756	120	36	60	38
28	Chemicals and allied products.....	24,778	128	19	36	22
30	Rubber and plastics products, nec.....	9,956	7	1	3	1
32	Stone, clay and glass products.....	16,812	7	4	2	1
33	Primary metal industries.....	44,946	192	28	28	50
37	Transportation equipment.....	50,903	10	(^a)	1	(^a)
	EASTERN GREAT LAKES-ST.LAWRENCE REGION.....	707,238	1,186	125	297	257
20	Food and kindred products.....	31,659	15	2	6	(^a)
26	Paper and allied products.....	20,137	90	47	75	8
28	Chemicals and allied products.....	38,127	281	38	14	42
29	Petroleum and coal products.....	5,091	68	4	(^a)	...
30	Rubber and plastics products, nec.....	45,983	35	3	3	17
32	Stone, clay and glass products.....	17,397	28	(^a)	5	14
33	Primary metal industries.....	89,275	556	14	163	175
34	Fabricated metal products.....	26,335	3	(^a)	2	(^a)
35	Machinery, except electrical.....	67,492	5	(^a)	1	(^a)
36	Electrical machinery.....	66,378	7	(^a)	2	(^a)
37	Transportation equipment.....	244,596	86	8	18	(^a)
	OHIO REGION.....	768,387	1,803	302	330	365
20	Food and kindred products.....	42,000	36	10	9	2
26	Paper and allied products.....	16,140	56	20	33	18
28	Chemicals and allied products.....	54,349	535	39	15	25
29	Petroleum and coal products.....	7,236	46	7	4	(^a)
30	Rubber and plastics products, nec.....	22,298	5	2	(^a)	...
32	Stone, clay and glass products.....	39,326	15	6	5	4
33	Primary metal industries.....	218,155	1,051	206	246	305
34	Fabricated metal products.....	36,623	5	1	2	(^a)
35	Machinery, except electrical.....	72,496	15	1	3	7
36	Electrical machinery.....	128,366	24	3	9	3
37	Transportation equipment.....	106,080	11	5	3	...
	TENNESSEE REGION.....	78,262	246	68	64	32
26	Paper and allied products.....	8,086	73	45	41	23
28	Chemicals and allied products.....	24,329	153	17	16	8
33	Primary metal industries.....	12,239	7	2	1	...
	CUMBERLAND REGION.....	11,987	16	11	5	1

See footnotes at end of table.

Water; by Purpose, Kind, and Source of Water for Water Use Regions, by Industry Group: 1959

water intake of 20 million gallons or more)

Purpose of water intake-- Continued		Source of water intake					Gross water used, including recirculation or reuse ²	Total discharged	Code
Other cooling and condensing	Boiler feed, etc.	Fresh, by kind and source				Brackish ¹			
		Total	From public water systems	From company surface water systems	From company ground water systems				
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
4,757	799	8,542	1,132	6,361	1,051	2,079	25,068	9,948	
127	41	375	81	269	25	113	775	430	
8	1	4	2	1	1	8	16	12	20
1	2	15	3	11	(³)	(³)	18	14	22
13	24	232	9	216	6	(³)	464	205	26
20	1	14	7	2	5	23	45	33	28
16	2	18	3	12	3	3	31	20	30
9	3	21	8	13	1	6	35	26	33
8	2	5	4	1	(³)	23	33	26	35
2	2	12	3	7	1	...	20	11	36
33	1	30	24	(³)	6	37	68	46	37
617	74	776	111	600	65	339	2,290	1,058	
44	8	39	18	17	5	27	90	60	20
1	1	14	3	11	1	(³)	16	11	22
5	5	159	37	114	7	2	351	154	26
103	19	117	15	83	18	48	289	151	28
289	12	123	5	114	4	216	745	330	29
3	1	6	2	3	1	1	12	7	30
5	1	23	2	19	3	(³)	50	22	32
137	13	217	10	189	18	33	299	236	33
16	3	39	2	36	1	...	45	38	35
4	3	17	5	11	1	11	31	27	36
4	2	7	4	(³)	3	(³)	31	7	37
238	31	335	35	248	52	187	1,393	490	
15	3	18	5	5	8	6	38	22	20
17	5	116	6	91	19	4	750	104	26
61	9	122	7	107	8	5	216	123	28
3	1	7	2	5	1	...	10	6	30
3	2	6	3	2	1	23	23	7	32
109	5	47	3	36	8	145	289	185	33
4	4	3	3	(³)	(³)	6	14	10	37
482	149	1,146	116	1,014	16	39	2,014	1,118	
5	3	15	9	5	1	...	31	13	20
3	4	90	3	84	2	1	214	86	26
187	37	244	17	225	2	37	370	249	28
64	4	68	3	64	1	...	152	63	29
9	6	35	8	24	3	...	76	32	30
4	5	27	4	20	3	1	194	25	32
191	28	555	22	533	(³)	2	743	543	33
1	1	3	3	(³)	(³)	...	5	3	34
2	2	5	5	(³)	(³)	(³)	18	5	35
2	2	7	6	(³)	(³)	...	21	6	36
12	56	86	32	51	2	(³)	145	83	37
1,001	108	1,799	92	1,556	151	4	2,914	1,724	
19	6	36	12	5	19	(³)	68	33	20
3	2	56	2	28	26	...	165	51	26
473	21	534	8	489	37	1	792	520	28
37	5	45	3	33	10	(³)	197	37	29
4	1	5	2	(³)	3	...	12	5	30
5	1	15	2	10	3	...	45	14	32
441	59	1,048	34	98	33	3	1,509	1,012	33
2	1	5	3	(³)	2	(³)	8	4	34
3	2	15	5	6	5	(³)	25	15	35
9	3	24	12	4	8	...	48	21	36
4	4	11	7	1	4	(³)	36	10	37
134	16	246	9	226	11	...	604	238	
3	6	73	2	71	(³)	...	235	70	26
122	6	153	2	144	7	...	205	150	28
5	1	7	2	4	1	...	27	6	33
7	4	16	2	14	(³)	...	35	15	

MANUFACTURES—SUMMARY STATISTICS

Table 10.—Quantity of Water Used and Discharged by Manufacturing Establishments Recirculating Water;

(Represents data for establishments with a

Code	Water use region and industry group	All employees (number)	Purpose of water intake			
			All purposes		Process (billion gallons)	Steam electric generating (billion gallons)
			Total (billion gallons)	Treated prior to use (billion gallons)		
	SOUTHEAST REGION.....	416,351	782	244	319	173
20	Food and kindred products.....	25,265	34	1	4	(³)
22	Textile mill products.....	180,194	51	35	36	4
26	Paper and allied products.....	38,592	462	186	239	126
28	Chemicals and allied products.....	27,640	131	16	17	20
32	Stone, clay and glass products.....	6,330	14	(³)	3	10
33	Primary metal industries.....	30,513	71	3	16	13
37	Transportation equipment.....	38,682	10	1	1	(³)
	WESTERN GREAT LAKES REGION.....	633,042	1,308	110	348	321
20	Food and kindred products.....	49,809	41	5	15	1
26	Paper and allied products.....	29,444	149	55	92	41
28	Chemicals and allied products.....	32,714	146	14	15	5
29	Petroleum and coal products.....	11,090	134	1	(³)	(³)
30	Rubber and plastics products, nec.....	14,075	6	1	1	(³)
32	Stone, clay and glass products.....	8,048	73	1	2	62
33	Primary metal industries.....	116,961	704	26	185	200
34	Fabricated metal products.....	59,376	8	1	3	1
35	Machinery, except electrical.....	64,781	17	1	2	8
36	Electrical machinery.....	54,738	5	(³)	2	(³)
37	Transportation equipment.....	135,209	20	4	7	3
	UPPER MISSISSIPPI REGION.....	364,629	392	78	145	90
20	Food and kindred products.....	81,433	90	16	18	8
26	Paper and allied products.....	20,584	99	31	63	22
28	Chemicals and allied products.....	15,292	36	7	9	3
29	Petroleum and coal products.....	6,509	15	6	1	...
32	Stone, clay and glass products.....	15,087	24	3	5	13
33	Primary metal industries.....	28,470	84	7	42	25
35	Machinery, except electrical.....	83,603	30	4	3	19
36	Electrical machinery.....	31,387	3	(³)	1	...
37	Transportation equipment.....	42,685	5	1	1	(³)
	LOWER MISSISSIPPI REGION.....	55,470	368	41	42	158
20	Food and kindred products.....	5,550	16	2	1	(³)
26	Paper and allied products.....	6,998	32	26	27	2
28	Chemicals and allied products.....	11,200	80	10	7	18
29	Petroleum and coal products.....	8,685	86	3	2	(³)
33	Primary metal industries.....	2,380	147	(³)	3	137
	MISSOURI REGION.....	107,293	126	30	52	8
20	Food and kindred products.....	37,693	46	7	19	2
26	Paper and allied products.....	2,948	20	5	18	(³)
28	Chemicals and allied products.....	2,862	11	9	1	(³)
29	Petroleum and coal products.....	4,908	17	6	1	(³)
33	Primary metal industries.....	7,276	17	1	12	...
	ARKANSAS, WHITE AND RED REGION.....	113,722	190	83	86	19
20	Food and kindred products.....	9,466	5	1	2	(³)
26	Paper and allied products.....	11,430	62	45	52	6
28	Chemicals and allied products.....	7,999	47	18	3	10
29	Petroleum and coal products.....	12,204	31	17	2	(³)
33	Primary metal industries.....	14,188	40	1	26	2
	WESTERN GULF REGION.....	164,714	1,242	108	85	394
20	Food and kindred products.....	13,046	5	1	2	(³)
26	Paper and allied products.....	4,886	32	9	27	2
28	Chemicals and allied products.....	29,121	827	40	25	301
29	Petroleum and coal products.....	38,855	304	55	22	39
33	Primary metal industries.....	9,508	64	1	5	51
	COLORADO REGION.....	20,815	19	5	8	2
33	Primary metal industries.....	4,706	11	4	7	1
	GREAT BASIN REGION.....	12,315	30	7	9	4
	CALIFORNIA REGION.....	447,959	295	55	67	21
20	Food and kindred products.....	47,665	40	6	16	4
24	Lumber and wood products.....	9,042	14	1	2	7
26	Paper and allied products.....	6,599	27	10	15	9

See footnotes at end of table.

INDUSTRIAL WATER USE

11-89

by Purpose, Kind, and Source of Water for Water Use Regions, by Industry Group: 1959-Continued

water intake of 20 million gallons or more)

Purpose of water intake - Continued		Source of water intake					Gross water used, including recirculation or reuse ²	Total discharged	Code
Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)	Total (billion gallons)	Fresh, by kind and source			Brackish ¹ (billion gallons)			
			From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)				
238	52	603	90	312	201	178	2,169	720	
25	4	31	5	4	23	3	59	32	20
3	7	51	15	34	2	(³)	89	45	22
78	19	322	46	150	125	140	1,415	448	26
86	8	110	4	60	47	21	255	114	28
1	(³)	9	1	8	1	5	24	8	32
32	10	71	14	56	2	(³)	238	57	33
8	1	3	2	1	(³)	7	31	9	37
550	89	1,250	261	949	39	58	2,346	1,270	
18	6	34	18	7	8	7	77	37	20
9	7	148	4	130	14	1	448	140	26
116	11	142	17	117	7	5	213	138	28
107	3	119	40	79	(³)	15	300	129	29
4	1	6	2	2	2	...	8	6	30
8	2	73	1	72	1	...	76	70	32
275	46	676	145	528	2	29	1,092	697	33
2	2	8	6	(³)	1	...	17	7	34
4	3	17	5	11	1	...	25	17	35
1	2	4	4	(³)	(³)	(³)	11	4	36
5	5	18	14	1	2	2	67	18	37
117	41	392	44	251	97	1	917	355	
50	14	90	15	32	43	...	140	81	20
9	5	99	4	80	15	...	196	92	26
21	3	35	7	13	15	1	93	33	28
11	3	15	(³)	5	9	...	162	11	29
2	4	24	1	21	2	...	55	23	32
14	3	83	3	77	3	1	176	71	33
5	3	30	4	22	4	(³)	45	30	35
1	1	3	3	...	1	...	6	3	36
1	3	5	4	(³)	1	...	21	5	37
150	17	359	4	289	66	8	928	354	
14	1	16	1	9	6	1	19	16	20
1	2	32	(³)	6	26	(³)	96	31	26
51	3	80	1	59	19	(³)	277	73	28
82	2	79	(³)	68	11	7	370	82	29
(³)	7	147	...	147	...	...	156	147	33
51	15	113	22	57	34	11	451	114	
19	6	45	14	17	14	(³)	78	44	20
1	1	20	(³)	19	1	...	38	20	26
9	1	11	1	...	10	...	44	10	28
12	4	17	2	11	4	...	185	11	29
4	1	6	2	4	...	11	24	16	33
51	33	189	18	104	67	1	1,393	157	
1	1	5	2	1	2	(³)	11	4	20
1	3	62	1	23	38	...	438	59	26
27	6	46	1	36	9	1	183	41	28
19	10	31	8	5	17	(³)	623	13	29
1	11	40	3	37	(³)	...	124	35	33
714	49	301	76	138	88	940	4,243	1,151	
1	1	4	2	...	2	(³)	28	3	20
(³)	2	31	9	...	22	1	192	27	26
486	16	122	16	79	28	704	1,460	790	28
217	26	125	45	52	28	179	2,278	268	29
7	1	10	1	4	4	54	211	57	33
6	2	17	5	2	9	2	127	7	
2	1	10	(³)	2	7	1	98	3	33
15	2	26	5	14	7	4	127	22	
172	35	133	56	28	49	162	1,160	256	
14	5	32	12	3	18	7	85	34	20
(³)	4	13	(³)	10	3	1	26	12	24
1	2	20	5	7	8	7	184	25	26

MANUFACTURES—SUMMARY STATISTICS

Table 10.—Quantity of Water Used and Discharged by Manufacturing Establishments Recirculating Water;

(Represents data for establishments with a

Code	Water use region and industry group	All employees (number)	Purposes of water intake			
			All purposes		Process (billion gallons)	Other electric generating (billion gallons)
			Total (billion gallons)	Treated prior to use (billion gallons)		
	CALIFORNIA REGION--Continued					
28	Chemicals and allied products.....	9,699	23	4	8	(³)
29	Petroleum and coal products.....	16,656	150	16	5	(³)
32	Stone, clay and glass products.....	10,309	15	9	12	(³)
33	Primary metal industries.....	22,008	12	5	4	(³)
37	Transportation equipment.....	184,130	9	3	3	...
	PACIFIC NORTHWEST REGION.....	145,560	422	165	240	80
20	Food and kindred products.....	12,753	21	(³)	13	(³)
24	Lumber and wood products.....	28,166	89	3	5	68
26	Paper and allied products.....	16,426	254	158	205	11
28	Chemicals and allied products.....	1,577	17	1	1	...
33	Primary metal industries.....	10,110	34	(³)	14	(³)
	ALASKA AND HAWAII REGIONS.....	13,287	75	12	24	23

Note: Detail figures may not add to totals because of independent rounding.

¹Containing more than 1,000 parts per million of dissolved solids.

INDUSTRIAL WATER USE

11-91

by Purpose, Kind, and Source of Water for Water Use Regions, by Industry Group: 1959-Continued

water intake of 20 million gallons or more)

Purpose of water intake-- Continued		Source of water intake					Gross water used, including recirculation or reuse ²	Total discharged	Code
Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)	Fresh, by kind and source				Brackish ¹ (billion gallons)			
		Total (billion gallons)	From public water systems (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)				
12	3	10	7	...	3	13	114	15	28
134	11	27	18	(³)	9	124	555	136	29
2	1	6	1	1	4	9	30	12	32
6	2	11	2	7	2	(³)	102	9	33
2	4	8	8	...	1	(³)	34	8	37
65	37	391	102	236	53	31	1,060	403	
5	2	21	4	5	11	...	35	20	20
5	11	67	4	59	4	21	109	84	24
20	18	250	86	140	24	5	790	248	26
16	(³)	14	2	9	3	3	19	16	28
16	4	33	1	20	12	1	52	30	33
23	4	74	2	53	19	1	127	66	

²Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.

³Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 11.—Quantity of Water Used and Discharged by Manufacturing Establishments
Discharged by Point of Discharge, for Water

(Represents data for establishments with a

Code	Water use region and industry group	Value added by manufacture ¹ (million dollars)	Total water intake (billion gallons)	Gross water used, including recirculation and reuse			
				Number of establishments ²			
				Total	Treated prior to recirculation or reuse	Purpose of recirculation	
						Process	Steam electric generation
	UNITED STATES, TOTAL ⁴	xxx	10,624	5,520	1,872	2,652	558
	NEW ENGLAND REGION.....	3,857	488	394	100	229	41
20	Food and kindred products.....	152	12	36	9	14	2
22	Textile mill products.....	255	15	32	8	11	3
26	Paper and allied products.....	475	232	90	26	81	19
28	Chemicals and allied products.....	153	36	20	5	12	1
30	Rubber and plastics products, nec.....	318	21	38	4	20	1
33	Primary metal industries.....	304	27	42	10	25	5
35	Machinery, except electrical.....	386	28	24	9	9	3
36	Electrical machinery.....	328	12	20	6	6	1
37	Transportation equipment.....	680	67	14	7	8	2
	DELAWARE AND HUDSON REGION.....	8,957	1,115	686	215	314	55
20	Food and kindred products.....	1,071	66	114	34	43	3
22	Textile mill products.....	133	14	29	3	6	2
26	Paper and allied products.....	320	161	83	33	72	15
28	Chemicals and allied products.....	1,860	165	129	39	51	11
29	Petroleum and coal products.....	336	339	14	9	6	3
30	Rubber and plastics products, nec.....	228	7	28	6	11	1
32	Stone, clay and glass products.....	274	24	36	14	16	6
33	Primary metal industries.....	881	250	69	17	40	5
35	Machinery, except electrical.....	438	39	22	7	4	1
36	Electrical machinery.....	850	27	43	14	11	1
37	Transportation equipment.....	1,056	7	27	10	19	...
	CHESAPEAKE BAY REGION.....	3,330	522	273	82	136	33
20	Food and kindred products.....	328	24	76	18	32	5
26	Paper and allied products.....	187	120	28	11	26	7
28	Chemicals and allied products.....	409	128	33	11	17	6
30	Rubber and plastics products, nec.....	88	7	13	3	8	1
32	Stone, clay and glass products.....	203	7	23	6	7	3
33	Primary metal industries.....	529	192	22	5	15	4
37	Transportation equipment.....	552	10	12	5	8	1
	EASTERN GREAT LAKES-ST. LAWRENCE REGION....	9,196	1,186	627	216	304	40
20	Food and kindred products.....	449	15	108	31	47	3
26	Paper and allied products.....	190	90	55	23	49	9
28	Chemicals and allied products.....	649	281	72	26	26	5
29	Petroleum and coal products.....	129	68	12	9	2	...
30	Rubber and plastics products, nec.....	496	35	28	6	16	2
32	Stone, clay and glass products.....	284	28	27	10	15	3
33	Primary metal industries.....	1,227	556	69	19	40	5
34	Fabricated metal products.....	250	3	32	6	7	1
35	Machinery, except electrical.....	767	5	37	14	16	3
36	Electrical machinery.....	794	7	50	21	19	3
37	Transportation equipment.....	3,267	86	103	41	57	3
	OHIO REGION.....	10,161	1,803	683	284	337	63
20	Food and kindred products.....	605	36	115	47	45	8
26	Paper and allied products.....	202	56	49	23	43	11
28	Chemicals and allied products.....	1,230	535	87	38	36	11
29	Petroleum and coal products.....	133	46	23	14	11	1
30	Rubber and plastics products, nec.....	250	5	26	9	12	1
32	Stone, clay and glass products.....	459	15	50	20	14	5
33	Primary metal industries.....	2,740	1,051	132	50	80	15
34	Fabricated metal products.....	364	5	47	16	22	2
35	Machinery, except electrical.....	868	15	34	12	16	2
36	Electrical machinery.....	1,523	24	45	20	21	4
37	Transportation equipment.....	1,430	11	47	22	28	...
	TENNESSEE REGION.....	944	246	93	30	48	9
26	Paper and allied products.....	102	73	10	4	10	2
28	Chemicals and allied products.....	378	153	21	10	13	6
33	Primary metal industries.....	177	7	10	5	3	...
	CUMBERLAND REGION.....	119	16	16	7	7	1

See footnotes at end of table.

INDUSTRIAL WATER USE

11-93

Recirculating Water; Number of Establishments by Purpose of Recirculation and Quantity
Use Regions, by Industry Groups: 1959

water intake of 20 million gallons or more)

Gross water used, including recirculation and reuse-- Continued			Water discharged							Code
Number of establishments--Continued			Quantity ^a (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	Point of discharge				
Purpose of recirculation-- Continued						Public utility sewer (billion gallons)	Surface water body (billion gallons)	Ground, wells, etc. (billion gallons)	Transferred to other users (billion gallons)	
Other cooling and conditioning	Boiler feed, etc.	Unspecified								
3,860	3,200	39	25,068	9,948	1,968	811	8,896	86	155	
229	235	1	775	430	18	38	390	1	(⁵)	
24	23	...	16	12	(⁵)	2	9	(⁵)	(⁵)	20
10	28	...	18	14	2	1	13	...	...	22
30	63	...	464	205	15	4	200	(⁵)	(⁵)	26
16	6	...	45	33	1	2	31	(⁵)	(⁵)	28
33	18	...	31	20	(⁵)	1	18	1	(⁵)	30
30	20	...	35	26	1	5	21	(⁵)	...	33
17	16	...	33	26	(⁵)	2	23	(⁵)	...	35
10	12	...	20	11	(⁵)	3	8	(⁵)	...	36
13	9	...	68	46	(⁵)	1	45	...	...	37
475	400	3	2,290	1,058	291	76	971	10	(⁵)	
93	81	...	90	60	3	13	45	2	(⁵)	20
8	24	...	16	11	6	4	7	...	...	22
25	50	1	351	154	19	8	145	2	...	26
97	75	1	289	151	38	20	129	1	(⁵)	28
7	12	...	745	330	181	1	329	(⁵)	(⁵)	29
21	15	...	12	7	1	2	4	(⁵)	...	30
22	15	1	50	22	2	1	21	(⁵)	...	32
55	29	...	299	236	30	12	224	1	(⁵)	33
18	13	...	45	38	7	2	36	...	...	35
35	19	...	31	27	2	4	23	(⁵)	...	36
24	16	...	31	7	1	2	3	2	(⁵)	37
199	158	...	1,393	490	136	21	461	7	(⁵)	
59	39	...	38	22	1	4	18	1	(⁵)	20
10	17	...	750	104	35	4	99	(⁵)	...	26
27	16	...	216	123	6	1	118	4	(⁵)	28
7	9	...	10	6	(⁵)	(⁵)	4	1	(⁵)	30
11	13	...	23	7	4	1	6	(⁵)	...	32
21	10	...	289	185	66	2	182	1	...	33
11	8	...	14	10	1	1	8	(⁵)	(⁵)	37
427	361	7	2,014	1,118	242	108	1,002	8	(⁵)	
76	63	2	31	13	2	7	5	1	...	20
9	33	3	214	86	37	6	79	(⁵)	...	26
55	36	2	370	249	15	23	224	1	(⁵)	28
10	9	...	152	63	24	4	60	(⁵)	...	29
21	16	...	76	32	(⁵)	5	27	(⁵)	...	30
14	18	...	194	25	(⁵)	1	24	(⁵)	(⁵)	32
51	31	...	743	543	150	20	518	4	...	33
14	19	...	5	3	(⁵)	3	1	(⁵)	...	34
28	24	...	18	5	(⁵)	4	1	...	...	35
43	24	...	21	6	(⁵)	4	1	(⁵)	(⁵)	36
81	65	...	145	83	8	29	54	(⁵)	(⁵)	37
518	386	6	2,914	1,724	289	89	1,624	12	(⁵)	
89	73	...	68	33	3	19	13	1	(⁵)	20
23	28	1	165	51	14	2	48	1	...	26
78	44	...	792	520	39	8	509	3	(⁵)	28
20	15	...	197	37	23	(⁵)	36	(⁵)	...	29
21	16	1	12	5	1	2	3	(⁵)	...	30
38	21	...	45	14	1	2	11	(⁵)	...	32
97	63	3	1,509	1,012	203	26	980	6	(⁵)	33
35	28	...	8	4	1	3	2	(⁵)	...	34
27	19	...	25	15	1	6	8	1	...	35
34	24	1	48	21	2	12	10	(⁵)	...	36
40	33	...	36	10	1	6	3	(⁵)	(⁵)	37
71	46	...	604	238	36	8	228	1	1	
6	8	...	235	70	17	3	67	...	...	26
17	10	...	205	150	17	1	149	(⁵)	(⁵)	28
10	3	...	27	6	2	1	5	(⁵)	(⁵)	33
13	7	...	35	15	9	1	14	(⁵)	...	

MANUFACTURES—SUMMARY STATISTICS

Table 11.—Quantity of Water Used and Discharged by Manufacturing Establishments
Discharged by Point of Discharge, for Water Use

(Represents data for establishments with a

Code	Water use region and industry group	Value added by manufacture ¹ (million dollars)	Total water intake (billion gallons)	Gross water used, including recirculation and reuse			
				Number of establishments ²			
				Total	Treated prior to recirculation or reuse	Purpose of recirculation	
						Process	Steam electric generation
	SOUTHEAST REGION.....	4,613	782	490	112	179	63
20	Food and kindred products.....	314	34	88	18	26	4
22	Textile mill products.....	1,042	51	183	32	36	16
26	Paper and allied products.....	617	462	51	10	45	21
28	Chemicals and allied products.....	641	131	53	14	23	6
32	Stone, clay and glass products.....	92	14	22	5	11	2
33	Primary metal industries.....	364	71	30	6	14	7
37	Transportation equipment.....	382	10	12	8	4	...
	WESTERN GREAT LAKES REGION.....	8,186	1,308	594	180	304	57
20	Food and kindred products.....	823	41	112	35	31	4
26	Paper and allied products.....	349	149	77	21	66	20
28	Chemicals and allied products.....	851	146	58	14	24	5
29	Petroleum and coal products.....	172	134	14	6	7	1
30	Rubber and plastics products, nec.....	147	6	18	5	6	...
32	Stone, clay and glass products.....	115	73	16	4	7	5
33	Primary metal industries.....	1,408	704	68	17	36	2
34	Fabricated metal products.....	638	8	68	14	40	4
35	Machinery, except electrical.....	694	17	40	17	23	4
36	Electrical machinery.....	646	5	30	11	19	4
37	Transportation equipment.....	1,866	20	53	22	31	3
	UPPER MISSISSIPPI REGION.....	5,551	393	381	125	190	37
20	Food and kindred products.....	1,101	90	138	41	63	12
26	Paper and allied products.....	268	99	40	13	31	8
28	Chemicals and allied products.....	342	36	33	15	20	4
29	Petroleum and coal products.....	113	15	9	4	3	...
32	Stone, clay and glass products.....	219	24	15	3	7	5
33	Primary metal industries.....	351	84	27	7	18	1
35	Machinery, except electrical.....	916	30	41	14	15	3
36	Electrical machinery.....	332	3	19	7	8	1
37	Transportation equipment.....	545	5	14	8	9	...
	LOWER MISSISSIPPI REGION.....	843	368	93	22	32	11
20	Food and kindred products.....	63	16	23	3	7	1
26	Paper and allied products.....	106	32	10	1	9	2
28	Chemicals and allied products.....	278	80	24	10	7	1
29	Petroleum and coal products.....	129	86	6	1	2	2
	MISSOURI REGION.....	1,467	124	165	79	68	12
20	Food and kindred products.....	472	46	91	40	42	5
26	Paper and allied products.....	32	20	6	2	5	1
28	Chemicals and allied products.....	80	11	12	7	1	3
29	Petroleum and coal products.....	108	17	18	16	3	1
33	Primary metal industries.....	109	16	9	2	4	...
	ARKANSAS WHITE AND RED REGION.....	1,466	190	160	70	73	32
20	Food and kindred products.....	85	5	32	14	11	3
26	Paper and allied products.....	184	62	14	6	14	7
28	Chemicals and allied products.....	167	47	23	10	14	3
29	Petroleum and coal products.....	298	31	36	27	14	4
33	Primary metal industries.....	190	40	10	1	8	2
	WESTERN GULF REGION.....	2,868	1,242	198	99	75	25
20	Food and kindred products.....	160	5	36	14	12	2
26	Paper and allied products.....	74	32	9	5	9	5
28	Chemicals and allied products.....	1,070	827	56	32	18	4
29	Petroleum and coal products.....	564	304	42	36	12	6
33	Primary metal industries.....	169	64	10	3	7	4
	COLORADO REGION.....	223	19	30	13	12	10
33	Primary metal industries.....	38	11	9	5	6	7
	GREAT BASIN REGION.....	178	30	29	10	15	6
	CALIFORNIA REGION.....	5,049	295	382	166	198	22
20	Food and kindred products.....	665	40	138	53	79	5
24	Lumber and wood products.....	74	3	20	3	5	8
26	Paper and allied products.....	96	27	27	10	23	4

See footnotes at end of table.

Recirculating Water; Number of Establishments by Purpose of Recirculation and Quantity Regions, by Industry Groups: 1959-Continued

water intake of 20 million gallons or more)

Gross water used, including recirculation and reuse-- Continued			Water discharged							Code
Number of establishments--Continued			Quantity ^a (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	Point of discharge				
Purpose of recirculation-- Continued						Public utility sewer (billion gallons)	Surface water body (billion gallons)	Ground wells, etc. (billion gallons)	Transferred to other users (billion gallons)	
Other cooling and conditioning	Boiler feed, etc.	Unspecified								
357	311	3	2,165	720	133	25	689	5	(5)	
68	58	1	59	32	2	5	23	3	(5)	20
129	134	...	89	45	5	13	31	(5)	(5)	22
24	31	1	1,411	448	79	(5)	447	(5)	(5)	26
46	25	1	255	114	40	1	112	1	(5)	28
13	8	...	24	8	(5)	(5)	8	(5)	...	32
26	12	...	238	56	5	2	54	(5)	...	33
12	8	...	31	9	1	1	8	(5)	...	37
368	352	8	2,346	1,270	227	219	1,046	6	(5)	
86	70	2	77	37	8	29	8	1	(5)	20
27	44	3	448	140	62	7	132	1	(5)	26
47	33	1	213	138	68	7	129	3	(5)	28
8	10	...	300	129	66	1	129	(5)	...	29
10	11	...	8	6	1	3	3	(5)	...	30
5	9	...	76	70	(5)	1	70	(5)	...	32
44	33	1	1,092	697	18	140	557	(5)	(5)	33
38	34	...	17	7	1	3	2	(5)	(5)	34
27	29	...	25	17	1	5	12	(5)	...	35
21	19	...	11	4	(5)	3	1	(5)	...	36
33	31	...	67	18	1	15	3	(5)	...	37
270	215	1	917	355	65	89	256	6	4	
104	78	...	140	81	9	34	41	2	4	20
14	25	1	196	92	16	7	83	2	...	26
26	17	...	93	33	1	15	18	(5)	(5)	28
8	5	...	162	11	9	1	10	(5)	...	29
10	10	...	55	23	(5)	1	21	(5)	...	32
23	8	...	176	71	17	17	53	1	(5)	33
30	27	...	45	30	12	5	24	(5)	(5)	35
16	8	...	6	3	(5)	3	(5)	...	...	36
13	8	...	21	5	1	4	1	(5)	...	37
70	52	3	928	354	23	22	332	(5)	(5)	
17	14	...	19	16	1	9	7	(5)	(5)	20
3	5	...	96	31	7	5	26	(5)	...	26
21	13	1	277	73	7	4	70	(5)	...	28
6	4	...	370	82	7	1	81	(5)	...	29
133	100	1	451	114	22	22	91	1	(5)	
74	66	1	78	44	13	16	27	1	(5)	20
2	3	...	38	20	4	(5)	19	...	...	26
10	4	...	44	10	1	(5)	9	(5)	...	28
17	11	...	185	11	3	1	10	(5)	...	29
8	3	...	24	16	(5)	(5)	16	(5)	...	33
131	84	...	1,393	157	49	6	148	2	1	
28	14	...	11	4	(5)	3	2	...	...	20
9	9	...	438	59	35	1	58	...	(5)	26
19	11	...	183	41	3	(5)	40	(5)	(5)	28
35	23	...	623	13	10	1	12	1	...	29
8	6	...	124	35	(5)	(5)	34	(5)	...	33
170	98	3	4,243	1,151	226	11	1,009	2	129	
35	16	...	28	3	(5)	3	(5)	(5)	(5)	20
6	5	...	192	27	22	1	26	...	...	26
48	25	1	1,460	790	15	3	680	1	106	28
38	28	2	2,278	268	188	1	264	1	2	29
7	7	...	211	57	1	...	35	(5)	21	33
24	14	...	127	7	1	3	2	2	1	
6	6	...	98	3	(5)	2	(5)	1	...	33
19	20	1	127	22	3	1	21	(5)	(5)	
270	208	2	1,160	256	136	37	206	11	1	
95	67	...	85	34	5	17	10	6	1	20
5	18	...	26	12	27	(5)	12	(5)	(5)	24
8	14	1	184	25	9	6	19	(5)	(5)	26

MANUFACTURES—SUMMARY STATISTICS

Table 11.—Quantity of Water Used and Discharged by Manufacturing Establishments Discharged by Point of Discharge, for Water Use

(Represents data for establishments with a

Code	Water use region and industry group	Value added by manufacture ¹ (million dollars)	Total water intake (billion gallons)	Gross water used, including recirculation and reuse			
				Number of establishments ²			
				Total	Treated prior to recirculation or reuse	Purpose of recirculation	
						Process	Steam electric generation
	CALIFORNIA REGION--Continued						
28	Chemicals and allied products.....	289	23	44	26	17	...
29	Petroleum and coal products.....	322	150	21	16	7	...
32	Stone, clay and glass products.....	178	15	27	9	13	2
33	Primary metal industries.....	280	12	22	12	15	1
37	Transportation equipment.....	1,531	9	27	11	16	15
	PACIFIC NORTHWEST REGION.....	1,610	422	195	55	105	35
20	Food and kindred products.....	156	21	54	13	34	6
24	Lumber and wood products.....	240	89	58	19	14	21
26	Paper and allied products.....	328	255	37	12	37	8
28	Chemicals and allied products.....	41	17	11	3	6	...
33	Primary metal industries.....	167	34	16	4	8	...
	ALASKA AND HAWAII.....	116	75	31	7	26	6

Note: Detailed figures may not add to totals because of independent rounding.

¹Adjusted value added by manufacture. See text for explanation.²The sum of the number of establishments shown by purpose exceeds the total number of establishments recirculating or reusing water because some establishments indicate more than one purpose.

Recirculating Water; Number of Establishments by Purpose of Recirculation and Quantity
Regions, by Industry Groups: 1959-Continued

water intake of 20 million gallons or more)

Gross water used, including recirculation and reuse-- Continued				Water discharged							Code
Number of establishments--Continued			Quantity ³ (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	Point of discharge					
Purpose of recirculation-- Continued						Public utility sewer (billion gallons)	Surface water body (billion gallons)	Ground wells, etc. (billion gallons)	Transferred to other users (billion gallons)		
Other cooling and conditioning	Boiler feed, etc.	Unspecified									
38	27	...	114	15	3	3	12	(⁵)	(⁵)	28	
19	15	...	555	136	87	1	132	3	(⁵)	29	
19	10	...	30	12	1	(⁵)	10	1	(⁵)	32	
16	7	...	102	9	2	1	8	(⁵)	...	33	
145	129	...	34	8	2	4	3	(⁵)	...	37	
95	133	...	1,060	403	56	34	356	8	5		
24	32	...	35	20	6	5	14	(⁵)	(⁵)	20	
20	52	...	109	84	3	4	77	(⁵)	3	24	
17	25	...	790	248	34	21	225	2	...	26	
10	6	...	19	16	1	(⁵)	14	(⁵)	1	28	
10	7	...	52	30	10	2	22	6	...	33	
19	20	...	127	66	6	1	51	2	11		

³Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.

⁴The 1959 figure includes data for establishments located in Hawaii and Alaska, the detail for which is shown below.

⁵Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 12.—Quantity of Water Used and Discharged by Manufacturing Establishments Generating

(Represents data for establishments with a

Code	Industry group	1959						
		Electric energy generated by steam generation (millions kw.-hr.)	Purpose of water intake					
			All purposes		Process	Steam electric generating	Other cooling and condensing	Boiler feed, etc.
			Total	Treated prior to use				
			(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	United States, total ⁴	59,103	8,423	1,321	1,891	2,498	3,556	480
20	Food and kindred products.....	2,330	315	36	67	45	175	29
201	Meat products.....	168	20	5	7	1	8	3
202	Dairy products.....	35	4	(5)	(5)	(5)	2	1
203	Canned and frozen foods.....	52	19	4	5	...	12	1
204	Grain mill products.....	728	46	7	6	5	30	4
206	Sugar.....	837	161	8	40	26	87	7
208	Beverages.....	317	40	8	7	7	16	9
209	Other food preparations.....	89	15	2	1	(5)	11	2
22	Textile mill products.....	1,036	56	32	36	13	2	6
221	Weaving mills, cotton.....	577	12	6	6	3	1	3
223	Weaving, finishing mills, wool.....	41	4	3	3	1	(5)	1
226	Textile finishing, except wool.....	319	32	19	23	7	(5)	2
24	Lumber and wood products.....	1,001	101	5	5	80	4	13
242	Sawmills and planing mills.....	894	92	5	4	73	3	11
243	Millwork and related products.....	100	9	(5)	(5)	7	(5)	1
25	Furniture and fixtures.....	27	1	(5)	(5)	(5)	(5)	(5)
26	Paper and allied products.....	19,078	1,676	698	992	433	149	102
261	Pulp mills.....	1,883	239	158	187	27	12	12
262	Paper mills, except building.....	9,404	928	373	529	285	59	55
263	Paperboard mills.....	6,763	440	144	228	109	75	29
264	Paper and paperboard products.....	117	15	10	9	3	1	2
266	Building paper and board mills.....	733	43	11	32	7	2	3
28	Chemicals and allied products.....	12,499	2,231	148	122	499	1,506	105
281	Basic chemicals.....	8,881	1,824	75	77	431	1,246	70
282	Fibers, plastics, rubbers.....	2,967	291	65	33	52	183	23
283	Drugs.....	162	40	1	1	6	31	1
286	Gum and wood chemicals.....	126	24	(5)	4	2	15	3
289	Other chemical products.....	177	27	6	6	1	14	5
30	Rubber and plastics products, nec.....	659	49	3	9	27	8	5
301	Tires and inner tubes.....	573	40	2	8	25	3	4
306	Fabricated rubber products, nec.....	81	6	(5)	(5)	1	4	1
31	Leather and leather products.....	71	4	(5)	4	(5)	(5)	(5)
311	Leather tanning and finishing.....	71	4	(5)	4	(5)	(5)	(5)
32	Stone, clay and glass products.....	2,271	187	9	9	147	21	10
324	Cement, hydraulic.....	1,950	151	10	3	128	15	5
33	Primary metal industries.....	13,920	3,026	310	578	1,098	1,194	156
331	Steel rolling and finishing.....	10,127	2,750	302	561	873	1,172	144
332	Iron and steel foundries.....	31	4	(5)	1	1	2	1
333	Primary nonferrous metal.....	3,491	253	4	12	215	16	10
335	Nonferrous rolling and drawing.....	263	19	3	3	10	5	1
34	Fabricated metal products.....	120	5	1	1	1	1	1
35	Machinery, except electrical.....	769	97	2	2	75	14	6
352	Farm machinery and equipment.....	258	31	1	1	25	3	2
354	Metalworking machinery.....	9	2	(5)	(5)	(5)	1	(5)
36	Electrical machinery.....	367	34	1	2	28	2	2
362	Electric industrial apparatus.....	43	1	(5)	(5)	(5)	(5)	(5)
37	Transportation equipment.....	365	21	2	3	3	8	7
371	Motor vehicles and equipment.....	251	7	1	2	1	2	2
374	Railroad equipment.....	76	5	(5)	(5)	2	1	1
38	Instruments and related products.....	(D)	14	17	7	4	2	2
39	Miscellaneous manufacturing, incl. ordnance.....	132	7	1	2	3	1	1

Note: Detailed figures may not add to totals because of independent rounding.

NA Not available. ¹Revised to conform with the Standard Industrial Classification Manual issued in 1957. See text for explanation.

(Steam) Electricity, by Purpose, Kind, and Source of Intake, for Industry Groups: 1959 and 1954

water intake of 20 million gallons or more)

1959--Continued								1954 ¹ total water			Code
Source of intake					Gross water use, including recirculation or reuse ³	Water discharged		Intake	Gross water use, including recirculation or reuse	Discharged	
Fresh, by source				Brackish ²		Total	Surface water systems				
Total (billion gallons)	From public water systems (billion gallons)	From company									
		Surface water systems (billion gallons)	Ground water systems (billion gallons)								
6,863	521	5,739	603	1,560	17,358	8,034	7,499	7,001	12,202	6,524	
266	39	134	93	49	771	290	208	229	880	211	20
20	4	1	14	...	39	18	6	(NA)	(NA)	(NA)	201
4	1	(5)	3	...	6	3	1	(NA)	(NA)	(NA)	202
18	5	(5)	13	(5)	22	18	13	(NA)	(NA)	(NA)	203
40	4	26	10	6	63	42	29	(NA)	(NA)	(NA)	204
131	10	91	30	30	244	147	120	(NA)	(NA)	(NA)	206
37	11	13	13	2	347	37	19	(NA)	(NA)	(NA)	208
7	3	(5)	4	8	30	13	10	(NA)	(NA)	(NA)	209
56	8	47	2	...	74	50	38	84	94	73	22
12	2	8	(5)	...	23	11	8	(NA)	(NA)	(NA)	221
4	(5)	3	(5)	...	4	4	3	(NA)	(NA)	(NA)	223
32	4	28	(5)	...	35	28	21	(NA)	(NA)	(NA)	226
78	4	65	8	23	138	92	84	94	101	66	24
71	3	61	7	21	128	85	77	(NA)	(NA)	(NA)	242
4	1	4	1	2	10	7	7	(NA)	(NA)	(NA)	243
1	(5)	(5)	(5)	(5)	1	1	(5)	4	4	4	25
1,506	155	1,062	288	168	5,044	1,571	1,537	1,295	3,049	1,160	26
228	33	125	69	11	689	235	235	(NA)	(NA)	(NA)	261
847	58	673	116	82	2,752	863	855	(NA)	(NA)	(NA)	262
365	62	207	96	75	1,358	410	388	(NA)	(NA)	(NA)	263
15	1	12	2	...	38	14	14	(NA)	(NA)	(NA)	264
43	1	38	4	1	88	39	39	(NA)	(NA)	(NA)	266
1,435	41	1,303	91	795	3,183	2,139	1,991	1,609	2,412	1,551	28
1,087	29	1,013	45	737	2,445	1,755	1,626	(NA)	(NA)	(NA)	281
272	4	247	22	19	565	275	264	(NA)	(NA)	(NA)	282
20	3	13	3	20	49	39	37	(NA)	(NA)	(NA)	283
24	1	9	14	...	40	22	21	(NA)	(NA)	(NA)	286
26	1	22	4	(5)	41	25	23	(NA)	(NA)	(NA)	289
48	4	43	1	(5)	93	45	42	56	75	54	30
40	3	36	1	(5)	75	38	35	(NA)	(NA)	(NA)	301
6	1	5	(5)	(5)	15	6	5	(NA)	(NA)	(NA)	306
4	1	2	1	(5)	5	4	2	8	10	7	31
4	1	2	1	(5)	5	4	2	(NA)	(NA)	(NA)	311
181	5	167	9	6	354	173	165	167	241	159	32
147	1	141	4	5	271	140	139	(NA)	(NA)	(NA)	324
2,790	190	2,543	58	237	4,363	2,947	2,755	2,478	2,988	2,300	33
2,585	184	2,355	46	165	3,856	2,681	2,518	(NA)	(NA)	(NA)	331
4	(5)	3	(5)	...	8	3	3	(NA)	(NA)	(NA)	332
188	2	175	11	65	470	242	215	(NA)	(NA)	(NA)	333
12	2	10	(5)	7	27	19	18	(NA)	(NA)	(NA)	335
4	2	(5)	1	1	14	4	1	8	10	7	34
74	7	61	5	23	111	94	85	^e 41	^e 51	^e 36	35
31	2	27	1	(5)	36	31	28	(NA)	(NA)	(NA)	352
1	1	(5)	(5)	(5)	2	1	(5)	(NA)	(NA)	(NA)	354
23	4	18	1	11	60	33	30	(^e)	(^e)	(^e)	36
1	(5)	(5)	(5)	...	7	1	(5)	(NA)	(NA)	(NA)	362
12	9	1	3	9	48	19	10	38	53	36	37
7	6	(5)	1	(5)	20	6	(5)	(NA)	(NA)	(NA)	371
2	1	1	(5)	2	10	4	1	(NA)	(NA)	(NA)	374
14	1	11	2	...	44	13	10	13	44	12	38
7	1	5	1	(5)	17	6	5	77	17	6	39

²Containing more than 1,000 parts per million or dissolved solids. ³Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused. ⁴The 1959 figures include data for establishments located in Hawaii and Alaska which reported a 1959 water intake of 77 billion gallons. ⁵Less than 500 million gallons. ⁶Represents figures for SIC groups 35 and 36 combined.

MANUFACTURES—SUMMARY STATISTICS

Table 13.—Quantity of Water Used and Discharged by Manufacturing Establishments
Discharge for Water Use Regions.

(Represents data for establishments with a

Code	Water use region and industry group	Electric energy generated by steam generation (millions kw.-hr.)	Purpose of water intake			
			All purposes		Process	Steam electric generating
			Total (billion gallons)	Treated prior to use (billion gallons)		
	UNITED STATES, TOTAL.....	59,103	8,423	1,321	1,891	2,498
	NEW ENGLAND REGION.....	2,898	343	119	186	77
20	Food and kindred products.....	35	9	1	(³)	1
22	Textile mill products.....	170	15	4	10	3
26	Paper and allied products.....	1,946	219	110	160	25
28	Chemicals and allied products.....	153	26	(³)	3	7
33	Primary metal industries.....	127	14	2	3	6
35	Machinery, except electrical.....	153	29	(³)	(³)	20
	DELAWARE AND HUDSON REGION.....	3,544	669	60	92	262
20	Food and kindred products.....	192	42	5	6	1
22	Textile mill products.....	108	11	4	5	6
26	Paper and allied products.....	706	143	12	36	99
28	Chemicals and allied products.....	666	86	14	8	19
29	Petroleum and coal products.....	387	94	14	17	1
32	Stone, clay and glass products.....	265	32	1	1	26
33	Primary metal industries.....	938	215	9	18	73
	CHESAPEAKE BAY REGION.....	3,551	466	80	120	118
26	Paper and allied products.....	1,488	117	34	58	38
28	Chemicals and allied products.....	800	107	16	33	22
32	Stone, clay and glass products.....	160	3	(³)	(³)	2
	EASTERN GREAT LAKES-ST. LAWRENCE REGION.....	5,545	919	67	236	282
20	Food and kindred products.....	34	1	(³)	(³)	(³)
26	Paper and allied products.....	518	66	30	53	8
28	Chemicals and allied products.....	2,096	215	17	12	46
30	Rubber and plastics products, nec.....	548	37	1	6	24
32	Stone, clay and glass products.....	209	19	(³)	2	14
33	Primary metal industries.....	1,566	569	11	156	187
35	Machinery, except electrical.....	11	1	(³)	(³)	(³)
36	Electrical machinery.....	39	1	(³)	(³)	(³)
37	Transportation equipment.....	190	3	(³)	1	(³)
	OHIO AND CUMBERLAND REGION.....	6,799	1,632	278	201	415
20	Food and kindred products.....	94	12	5	2	(³)
26	Paper and allied products.....	783	51	20	29	18
28	Chemicals and allied products.....	1,657	519	25	10	32
32	Stone, clay and glass products.....	242	8	4	1	4
33	Primary metal industries.....	3,699	1,022	220	156	352
37	Transportation equipment.....	22	3	1	1	...
	TENNESSEE REGION.....	1,286	177	44	34	33
28	Chemicals and allied products.....	836	125	17	12	10
	SOUTHEAST REGION.....	8,425	670	219	275	174
20	Food and kindred products.....	37	15	(³)	1	(³)
22	Textile mill products.....	726	27	22	19	4
26	Paper and allied products.....	6,117	469	184	238	127
28	Chemicals and allied products.....	891	89	10	5	20
33	Primary metal industries.....	458	55	2	12	13
	WESTERN GREAT LAKES REGION.....	6,586	1,069	85	247	325
20	Food and kindred products.....	382	31	4	8	4
26	Paper and allied products.....	1,480	129	47	74	41
28	Chemicals and allied products.....	1,345	129	3	10	6
32	Stone, clay and glass products.....	415	72	1	2	62
33	Primary metal industries.....	2,148	618	28	129	199
34	Fabricated metal products.....	44	2	(³)	(³)	1
35	Machinery, except electrical.....	126	12	(³)	(³)	8
37	Transportation equipment.....	42	6	(³)	1	3
	UPPER MISSISSIPPI REGION.....	3,658	323	54	116	103
20	Food and kindred products.....	672	57	10	9	7
26	Paper and allied products.....	1,239	91	30	56	22
28	Chemicals and allied products.....	406	32	6	8	3
32	Stone, clay and glass products.....	314	31	2	2	25
33	Primary metal industries.....	442	72	1	38	25
35	Machinery, except electrical.....	189	24	1	1	19

See footnotes at end of table.

Generating (Steam) Electricity, by Purpose, Kind, and Source of Intake and Point of by Industry Groups: 1959

water intake of 20 million gallons or more)

Purpose of water intake-- Continued		Source of intake					Gross water use, including recircu- lation or reuse ^a	Water discharged		Code
Other cooling and condensing	Boiler feed, etc.	Fresh, by source				Brackish ¹		Total	Surface water systems	
		Total	From public water systems	From company						
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	Surface water systems (billion gallons)	Ground water systems (billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
3,556	480	6,863	521	5,739	603	1,560	17,358	8,034	7,499	
51	28	288	25	252	11	55	566	309	291	
6	(^a)	1	1	...	1	8	9	9	8	20
(^a)	2	15	2	12	1	...	16	14	12	22
12	22	219	7	206	5	...	421	191	189	26
15	1	5	1	(^a)	3	21	27	25	23	28
4	1	11	1	10	(^a)	2	18	13	13	33
7	1	5	2	3	(^a)	23	31	26	25	35
278	37	556	57	469	29	102	1,609	631	602	
32	3	22	8	14	1	19	335	38	33	20
(^a)	1	11	1	10	(^a)	...	13	8	6	22
5	3	142	35	103	4	2	299	139	136	26
51	8	49	5	38	6	37	127	82	70	28
68	7	78	3	73	3	16	498	85	85	29
3	2	32	(^a)	30	1	...	50	29	29	32
115	11	187	4	168	14	28	242	203	201	33
188	20	285	13	237	35	161	1,253	413	400	
17	4	114	6	89	18	4	743	95	91	26
45	7	106	3	98	5	1	185	104	100	28
1	(^a)	3	(^a)	3	(^a)	...	18	3	3	32
331	70	876	25	846	5	43	1,295	873	850	
(^a)	(^a)	1	(^a)	(^a)	(^a)	...	6	(^a)	(^a)	20
2	3	66	1	63	2	1	148	63	61	26
122	34	180	5	175	1	35	242	187	184	28
3	4	37	3	33	1	...	70	35	33	30
2	1	18	1	17	1	1	28	18	18	32
200	25	561	10	551	...	8	742	557	545	33
(^a)	(^a)	1	1	...	(^a)	...	1	1	...	35
1	(^a)	1	1	(^a)	...	(^a)	6	1	1	36
(^a)	1	3	3	...	...	...	14	3	(^a)	37
939	77	1,632	41	1,520	71	(^a)	2,251	1,579	1,549	
8	2	12	3	(^a)	10	...	23	12	4	20
2	2	51	1	27	23	...	101	46	44	26
459	19	519	4	505	10	...	683	506	504	28
3	1	8	2	4	1	...	30	7	4	32
463	51	1,022	27	975	21	...	1,351	989	979	33
2	1	3	(^a)	1	2	...	10	3	2	37
100	10	177	(^a)	172	5	...	289	174	172	
98	5	125	(^a)	119	5	...	153	124	123	28
177	44	502	61	281	159	168	1,861	630	620	
13	1	13	(^a)	1	12	2	19	15	15	20
1	3	27	5	22	(^a)	...	40	24	18	22
77	28	319	46	150	123	150	1,395	457	457	26
60	5	79	(^a)	55	23	11	157	82	82	28
26	5	55	8	47	(^a)	...	200	44	43	33
435	62	1,054	165	872	17	15	1,594	1,076	909	
14	5	24	10	10	4	7	48	29	10	20
8	7	129	3	116	9	1	328	123	117	26
104	8	124	11	112	2	5	132	123	121	28
7	1	71	(^a)	71	(^a)	...	74	69	69	32
254	36	618	134	484	(^a)	...	763	645	515	33
(^a)	1	2	1	(^a)	(^a)	...	7	1	(^a)	34
1	2	12	1	10	(^a)	...	17	11	10	35
2	1	4	3	...	1	2	14	6	...	37
77	28	324	19	240	65	(^a)	714	295	233	
31	9	58	8	25	24	...	81	52	32	20
8	5	91	2	75	14	...	181	85	76	26
19	3	32	6	13	14	...	74	30	16	28
1	4	31	(^a)	29	2	...	63	31	30	32
7	2	72	1	70	1	...	159	61	47	33
2	2	24	1	20	2	(^a)	26	24	22	35

MANUFACTURES—SUMMARY STATISTICS

Table 13.—Quantity of Water Used and Discharged by Manufacturing Establishments
Discharge for Water Use Regions, by

(Represents data for establishments with a

Code	Water use region and industry group	Electric energy generated by steam generation (millions kw.-hr.)	Purpose of water intake			
			All purposes		Process	Steam electric generating
			Total	Treated prior to use		
			(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	LOWER MISSISSIPPI REGION.....	1,422	344	28	28	158
20	Food and kindred products.....	46	13	1	1	(^a)
28	Chemicals and allied products.....	720	86	4	5	18
	MISSOURI REGION.....	806	66	13	29	7
20	Food and kindred products.....	167	28	5	11	1
28	Chemicals and allied products.....	61	2	1	(^a)	(^a)
	ARKANSAS, WHITE AND RED REGION.....	3,369	151	65	78	20
20	Food and kindred products.....	22	2	(^a)	1	(^a)
26	Paper and allied products.....	1,400	59	45	50	6
28	Chemicals and allied products.....	639	41	17	1	10
29	Petroleum and coal products.....	169	8	2	(^a)	1
	WESTERN GULF REGION.....	7,429	1,139	65	51	397
26	Paper and allied products.....	840	31	9	26	2
28	Chemicals and allied products.....	2,228	775	17	13	304
29	Petroleum and coal products.....	2,126	267	38	7	39
	COLORADO REGION.....	75	7	3	4	1
	GREAT BASIN REGION.....	441	21	5	7	4
	CALIFORNIA REGION.....	959	107	13	18	20
20	Food and kindred products.....	110	16	1	5	4
24	Lumber and wood products.....	184	12	1	2	7
26	Paper and allied products.....	321	21	9	10	8
	PACIFIC NORTHWEST REGION.....	1,829	263	111	141	79
24	Lumber and wood products.....	647	82	3	3	68
26	Paper and allied products.....	1,108	170	108	132	11
	ALASKA AND HAWAII.....	478	77	12	28	22

Note: Detailed figures may not add to totals because of independent rounding.

¹Containing more than 1,000 parts per million of dissolved solids.

Generating (Steam) Electricity, by Purpose, Kind, and Source of Intake and Point of Industry Groups: 1959-Continued

water intake of 20 million gallons or more)

Purpose of water intake-- Continued		Source of intake					Gross water use, including recircu- lation or reuse ³	Water discharged		Code
Other cooling and condensing	Boiler feed, etc.	Fresh, by source				Brackish ¹		Total	Surface water systems	
		Total	From public water systems	From company						
(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	Surface water systems (billion gallons)	Ground water systems (billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	
145	13	343	(³)	314	28	1	669	336	330	
11	(³)	12	(³)	11	1	(³)	14	12	7	20
60	2	86	(³)	84	2	(³)	128	83	83	28
25	5	65	5	49	11	(³)	233	62	58	
14	2	27	4	17	6	...	43	27	26	20
1	(³)	2	1	...	1	...	29	1	1	28
31	22	151	3	101	46	...	847	133	131	
1	(³)	2	(³)	1	1	...	6	2	1	20
1	3	59	...	23	36	...	415	57	56	26
24	5	41	(³)	36	5	...	156	36	36	28
5	2	8	1	2	5	...	144	3	3	29
662	30	228	47	125	56	911	3,058	1,083	947	
(³)	2	30	8	...	21	1	187	26	25	26
449	9	89	6	68	15	686	1,101	756	647	28
205	17	98	31	51	15	169	1,577	243	238	29
1	1	7	1	...	6	...	61	3	1	
9	1	21	1	13	7	(³)	86	15	15	
64	6	41	10	19	13	66	291	101	93	
7	(³)	10	1	3	6	6	22	13	8	20
(³)	3	11	(³)	9	2	1	22	11	11	24
1	1	14	4	7	4	7	146	20	18	26
20	23	237	45	170	22	26	553	253	245	
3	8	60	3	53	3	22	101	77	71	24
14	14	167	42	111	14	4	433	166	164	26
23	4	75	2	57	17	1	127	67	52	

²Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.³Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 14.—Quantity of Water Used and Discharged by Manufacturing Establishments of Intake, for Industry

(Represents data for establishments with a

Code	Water use region and industry group	1959						
		Electric energy generated by steam generation (millions kw.-hr.)	Purpose of water intake					
			All purposes		Process	Steam electric generating	Other cooling and condensing	Boiler feed, etc.
			Total	Treated prior to use				
			(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)	(billion gallons)
	United States, total ³	56,068	7,907	1,252	1,825	2,344	3,294	445
20	Food and kindred products.....	2,206	292	32	60	41	164	26
201	Meat products.....	158	19	5	6	1	8	3
202	Dairy products.....	31	3	(*)	(*)	(*)	2	1
203	Canned and frozen foods.....	51	18	4	5	...	12	1
204	Grain mill products.....	718	45	7	6	5	30	4
206	Sugar.....	795	149	8	35	26	81	7
208	Beverages.....	260	29	7	6	3	12	7
209	Other food preparations.....	89	15	2	1	(*)	11	2
22	Textile mill products.....	903	48	25	29	13	1	4
221	Weaving mills, cotton.....	508	10	7	6	3	1	1
223	Weaving, finishing mills, wool.....	21	2	2	2	(*)	(*)	(*)
226	Textile finishing, except wool.....	287	27	15	18	7	(*)	1
24	Lumber and wood products.....	988	97	5	5	77	4	12
242	Sawmills and planing mills.....	883	90	4	4	72	3	11
243	Millwork and related products.....	90	6	(*)	(*)	5	(*)	1
25	Furniture and fixtures.....	27	1	(*)	(*)	(*)	(*)	(*)
26	Paper and allied products.....	18,703	1,638	693	970	428	148	92
261	Pulp mills.....	1,883	238	158	187	27	12	12
262	Paper mills, except building.....	9,345	915	370	517	282	57	55
263	Paperboard mills.....	6,508	420	144	219	108	75	19
264	Paper and paperboard products.....	116	23	10	8	3	1	2
266	Building paper and board mills.....	673	42	11	31	7	2	3
28	Chemicals and allied products.....	11,919	2,061	137	111	482	1,373	95
281	Basic chemicals.....	8,634	1,729	75	73	423	1,165	69
282	Fibers, plastics, rubbers.....	2,724	237	55	28	44	147	19
283	Drugs.....	141	32	1	1	6	24	1
286	Gum and wood chemicals.....	126	24	(*)	4	2	15	3
289	Other chemical products.....	116	15	6	5	1	6	2
30	Rubber and plastics products, nec.....	554	34	3	4	19	8	4
306	Fabricated rubber products, nec.....	81	6	1	(*)	1	4	1
31	Leather and leather products.....	60	4	(*)	3	(*)	(*)	(*)
311	Leather tanning and finishing.....	60	4	(*)	3	(*)	(*)	(*)
32	Stone, clay and glass products.....	1,976	156	9	8	122	17	8
324	Cement, hydraulic.....	1,658	123	6	3	103	13	3
33	Primary metal industries.....	12,622	2,825	268	563	1,015	1,095	151
331	Steel rolling and finishing.....	8,941	2,549	261	548	790	1,072	139
332	Iron and steel foundries.....	29	4	(*)	1	(*)	1	1
333	Primary nonferrous metal.....	3,391	250	4	12	215	16	10
335	Nonferrous rolling and drawing.....	254	19	2	3	10	5	1
34	Fabricated metal products.....	112	4	1	1	1	1	1
35	Machinery, except electrical.....	739	88	2	2	69	12	5
354	Metalworking machinery.....	7	1	(*)	(*)	(*)	1	(*)
36	Electrical machinery.....	366	34	1	2	28	2	2
362	Electric industrial apparatus.....	43	1	(*)	(*)	(*)	(*)	(*)
37	Transportation equipment.....	351	19	2	2	3	7	6
371	Motor vehicles and equipment.....	248	6	1	2	1	2	2
374	Railroad equipment.....	68	4	(*)	(*)	2	1	(*)
38	Instruments and related products.....	365	13	7	7	3	2	1
39	Miscellaneous manufacturing, incl. ordinance.....	101	4	1	2	1	1	1

Note: Detailed figures may not add to totals because of independent rounding.

NA Not available.

¹Containing more than 1,000 parts per million of dissolved solids.

Generating (Steam) Electricity and Recirculating Water, by Purpose, Kind, and Source Groups: 1959 and 1954

water intake of 20 million gallons or more)

1959--Continued								1954 total water			Code
Kind of intake			Gross water used, including recirculation or reuse		Water discharged						
Fresh		Brackish ¹ (billion gallons)	Estab- lishments (number)	Quantity ² (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	To surface water systems (billion gallons)	Intake (billion gallons)	Gross water used (billion gallons)	Discharged (billion gallons)	
Total (billion gallons)	From company surface water systems (billion gallons)										
6,397	5,306	1,510	1,169	16,842	7,529	1,400	7,023	5,601	10,797	5,284	
243	119	48	203	748	268	31	194	182	652	168	20
19	1	...	20	38	18	3	6	(NA)	(NA)	(NA)	201
3	(4)	...	25	5	3	(4)	1	(NA)	(NA)	(NA)	202
18	...	(4)	8	22	18	3	13	(NA)	(NA)	(NA)	203
40	26	6	15	63	42	5	29	(NA)	(NA)	(NA)	204
120	81	29	87	233	136	17	115	(NA)	(NA)	(NA)	206
27	7	2	29	336	27	2	10	(NA)	(NA)	(NA)	208
7	(4)	8	13	30	13	1	10	(NA)	(NA)	(NA)	209
48	40	...	51	65	42	9	32	57	67	50	22
10	9	...	12	22	9	(4)	8	(NA)	(NA)	(NA)	221
2	2	...	5	3	2	1	2	(NA)	(NA)	(NA)	223
27	23	...	18	31	23	7	16	17	17	14	226
75	64	22	76	134	89	28	81	78	96	60	24
69	61	21	54	124	83	28	76	71	87	54	242
5	4	1	14	7	2	(4)	2	(NA)	(NA)	(NA)	243
1	(4)	(4)	10	1	1	(4)	(4)	(NA)	(NA)	(NA)	25
1,480	1,039	158	331	5,007	1,537	330	1,503	1,189	2,951	1,080	26
228	125	11	23	689	235	33	235	(NA)	(NA)	(NA)	261
854	661	82	158	2,718	851	169	843	(NA)	(NA)	(NA)	262
356	198	65	116	1,339	391	111	368	(NA)	(NA)	(NA)	263
23	20	...	17	37	13	6	13	(NA)	(NA)	(NA)	264
42	38	1	12	87	39	7	38	(NA)	(NA)	(NA)	266
1,290	1,166	771	141	3,014	1,972	153	1,827	1,287	2,118	1,232	28
997	120	732	66	2,318	1,662	82	1,533	(NA)	(NA)	(NA)	281
237	211	1	35	512	221	53	213	(NA)	(NA)	(NA)	282
12	5	20	6	41	32	(4)	30	(NA)	(NA)	(NA)	283
24	9	...	8	40	22	14	21	(NA)	(NA)	(NA)	286
15	10	(4)	16	29	13	3	12	(NA)	(NA)	(NA)	289
34	29	(4)	13	78	31	(4)	28	38	57	37	30
6	5	(4)	7	15	6	(4)	5	(NA)	(NA)	(NA)	306
4	2	...	16	4	3	1	1	7	8	6	31
4	2	...	16	4	3	1	1	7	8	6	311
151	140	6	64	324	143	1	138	124	198	117	32
118	113	5	42	243	112	(4)	111	(NA)	(NA)	(NA)	324
2,594	2,349	231	118	4,160	2,747	464	2,557	1,696	2,204	1,631	33
2,390	2,162	159	71	3,655	2,482	437	2,322	(NA)	(NA)	(NA)	331
4	3	...	7	7	3	2	3	(NA)	(NA)	(NA)	332
185	175	65	23	470	242	26	215	170	256	166	333
11	10	7	8	27	19	(4)	16	(NA)	(NA)	(NA)	335
3	(4)	1	15	13	4	(4)	1	7	9	6	34
65	53	23	38	101	85	11	77	584	593	580	35
1	(4)	(4)	5	2	1	...	(4)	(NA)	(NA)	(NA)	354
23	18	11	16	60	33	(4)	30	(5)	(5)	(5)	36
1	(4)	...	6	7	1	(4)	(4)	(NA)	(NA)	(NA)	362
10	1	9	16	45	18	(4)	9	19	34	17	37
6	(4)	(4)	7	19	5	(4)	(4)	(NA)	(NA)	(NA)	371
1	1	2	5	9	4	(4)	1	(NA)	(NA)	(NA)	374
13	11	...	5	43	12	6	10	12	44	11	38
4	3	(4)	10	14	3	1	3	7	20	6	39

²Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused. The 1954 figures have been revised to conform with the 1957 edition of the Standard Industrial Classification Manual (see text).

³The 1959 figures include data for establishments located in Alaska and Hawaii which reported a 1959 water intake of 72 billion gallons.

⁴Less than 500 million gallons.

⁵Represents figures for SIC groups 35 and 36 combined.

MANUFACTURES—SUMMARY STATISTICS

Table 15.—Quantity of Water Used and Discharged by Manufacturing Establishments Generating of Discharge for Water Use Regions,

(Represents data for establishments with a

Code	Water use region and industry group	Electric energy generated by steam generation (millions kw.-hr.)	Purpose of water intake			
			All purposes		Process (billion gallons)	Steam electric generation (billion gallons)
			Total (billion gallons)	Treated prior to use (billion gallons)		
	UNITED STATES, TOTAL.....	56,068	7,907	1,252	1,825	2,344
	NEW ENGLAND REGION.....	2,740	324	114	177	71
20	Food and kindred products.....	35	9	1	(³)	1
22	Textile mill products.....	109	12	2	7	3
26	Paper and allied products.....	1,913	213	107	154	25
33	Primary metal industries.....	127	13	1	3	5
	DELAWARE AND HUDSON REGION.....	3,370	637	59	88	246
20	Food and kindred products.....	192	42	5	6	1
22	Textile mill products.....	108	11	4	5	6
26	Paper and allied products.....	666	139	11	34	98
28	Chemicals and allied products.....	630	79	14	8	19
29	Petroleum and coal products.....	387	94	14	17	1
32	Stone, clay and glass products.....	184	18	1	1	14
33	Primary metal industries.....	936	213	9	16	71
	CHESAPEAKE BAY REGION.....	3,466	428	80	119	117
26	Paper and allied products.....	1,488	117	34	58	38
28	Chemicals and allied products.....	768	96	16	32	22
32	Stone, clay and glass products.....	112	1	(³)	(³)	1
	EASTERN GREAT LAKES-ST. LAWRENCE REGION.....	5,135	849	61	226	256
26	Paper and allied products.....	509	65	29	52	8
28	Chemicals and allied products.....	1,931	197	12	10	42
30	Rubber and plastics products, nec.....	(D)	24	1	1	16
32	Stone, clay and glass products.....	209	19	(³)	2	14
33	Primary metal industries.....	1,438	532	11	153	175
35	Machinery, except electrical.....	10	1	(³)	(³)	(³)
37	Transportation equipment.....	190	3	(³)	1	(³)
	OHIO AND CUMBERLAND REGION.....	5,680	1,426	239	190	341
20	Food and kindred products.....	80	9	5	2	(³)
26	Paper and allied products.....	783	51	20	29	18
28	Chemicals and allied products.....	1,618	473	25	10	26
32	Stone, clay and glass products.....	240	5	4	(³)	4
33	Primary metal industries.....	2,640	869	182	147	283
37	Transportation equipment.....	(D)	3	1	1	...
	TENNESSEE REGION.....	1,194	161	40	30	32
28	Chemicals and allied products.....	744	108	13	9	8
	SOUTHEAST REGION.....	8,120	638	212	262	172
20	Food and kindred products.....	37	15	(³)	1	...
22	Textile mill products.....	661	22	17	16	4
26	Paper and allied products.....	5,885	451	184	230	126
28	Chemicals and allied products.....	889	85	10	4	20
33	Primary metal industries.....	457	54	2	12	13
	WESTERN GREAT LAKES REGION.....	6,476	1,041	81	243	317
20	Food and kindred products.....	343	24	3	8	1
26	Paper and allied products.....	1,461	125	47	71	39
28	Chemicals and allied products.....	(D)	117	3	10	5
32	Stone, clay and glass products.....	415	72	1	1	62
33	Primary metal industries.....	2,144	615	25	128	199
34	Fabricated metal products.....	44	2	(³)	(³)	1
37	Transportation equipment.....	39	5	(³)	(³)	3
	UPPER MISSISSIPPI REGION.....	3,456	307	54	114	89
20	Food and kindred products.....	655	57	10	9	7
26	Paper and allied products.....	1,219	90	30	55	22
28	Chemicals and allied products.....	406	32	6	8	3
32	Stone, clay and glass products.....	161	19	2	2	13
33	Primary metal industries.....	440	72	1	38	25
	LOWER MISSISSIPPI REGION.....	1,265	309	27	26	158
20	Food and kindred products.....	32	8	1	(³)	(³)

See footnotes at end of table.

Electricity and Recirculating Water, by Purpose, Kind, and Source of Intake and Point
by Industry Groups: 1959

water intake of 20 million gallons or more)

Purpose of water intake-- Continued		Kind of intake			Gross water used, including recirculation or reuse		Water discharged			Code
Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)	Fresh		Brackish ¹ (billion gallons)	Estab- lishments (number)	Quantity ² (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	To surface water systems (billion gallons)	
		Total (billion gallons)	From company surface water systems (billion gallons)							
3,294	445	6,397	5,306	1,510	1,169	16,842	7,529	1,400	7,023	
50	27	269	237	55	113	546	293	10	277	
6	(³)	1	...	8	4	9	9	(³)	8	20
(³)	1	12	10	...	16	13	10	2	10	22
12	22	213	202	...	61	415	187	7	185	26
4	1	10	10	2	5	18	12	...	11	33
268	35	529	443	108	127	1,578	601	120	573	
32	3	22	14	19	21	335	38	2	33	20
(³)	1	11	10	...	9	13	8	5	6	22
4	3	138	99	2	34	295	136	15	132	26
45	7	47	37	32	19	120	75	20	64	28
68	7	78	73	16	6	498	85	53	85	29
3	(³)	18	17	...	9	35	17	1	17	32
115	11	185	166	28	14	240	201	23	199	33
174	19	269	222	160	51	1,236	396	100	383	
17	4	114	89	4	20	743	95	32	91	26
37	6	96	89	...	8	174	94	4	90	28
(³)	(³)	1	1	...	4	16	1	...	1	32
304	63	812	784	37	92	1,225	803	174	781	
2	3	64	61	1	30	147	61	20	60	26
117	28	162	157	35	10	224	169	5	166	28
3	3	24	20	...	5	57	22	...	20	30
2	1	18	17	...	8	28	18	(³)	18	32
179	25	530	520	2	17	706	521	142	509	33
(³)	(³)	1	...	...	5	1	1	...	...	35
(³)	1	3	...	...	4	14	3	(³)	(³)	37
823	72	1,426	1,321	(³)	142	2,045	1,375	220	1,350	
5	2	9	(³)	...	18	20	9	(³)	2	20
2	2	51	27	...	30	101	46	12	44	26
419	18	473	459	...	24	637	460	15	458	28
1	(³)	5	4	...	10	27	4	(³)	4	32
392	47	869	822	...	36	1,198	837	192	829	33
2	1	3	1	...	3	8	3	(³)	2	37
90	9	161	156	...	14	273	158	17	156	
87	4	108	103	...	7	137	108	4	107	28
172	32	481	267	157	91	1,829	600	112	593	
13	1	13	1	2	5	19	15	(³)	15	20
1	2	22	18	...	19	35	19	2	14	22
77	18	311	142	140	32	1,376	439	79	438	26
56	5	74	55	11	13	152	79	30	78	28
25	5	54	46	...	7	199	42	1	42	33
421	60	1,026	848	15	130	1,566	1,048	212	884	
12	3	17	5	7	19	41	22	5	4	20
8	7	124	112	1	48	324	118	52	112	26
94	8	112	101	5	13	140	111	65	109	28
7	1	72	72	...	8	72	69	(³)	69	32
253	36	615	481	...	9	760	643	23	513	33
(³)	1	2	(³)	...	7	7	1	(³)	(³)	34
1	1	3	...	2	3	13	5	(³)	...	37
77	27	307	226	(³)	111	698	278	53	218	
31	10	57	25	...	34	82	52	4	32	20
8	5	90	75	...	26	179	84	14	75	26
19	3	32	13	...	12	74	30	(³)	16	28
1	3	19	17	...	6	51	18	...	17	32
7	2	72	70	...	7	159	61	17	47	33
114	11	309	282	(³)	20	635	302	4	297	
7	(³)	8	7	...	6	9	7	...	3	20

MANUFACTURES—SUMMARY STATISTICS

Table 15.—Quantity of Water Used and Discharged by Manufacturing Establishments Generating of Discharge for Water Use Regions,

(Represents data for establishments with a

Code	Water use region and industry group	Electric energy generated by steam generation (millions kw.-hr.)	Purpose of water intake			
			All purposes		Process (billion gallons)	Steam electric generation (billion gallons)
			Total (billion gallons)	Treated prior to use (billion gallons)		
	MISSOURI REGION.....	789	64	12	29	7
20	Food and kindred products.....	150	26	4	10	1
28	Chemicals and allied products.....	(D)	2	1	(³)	(³)
	ARKANSAS, WHITE AND RED REGION.....	3,336	149	65	77	19
20	Food and kindred products.....	14	2	(³)	1	(³)
26	Paper and allied products.....	1,400	59	45	50	6
28	Chemicals and allied products.....	620	40	17	1	10
29	Petroleum and coal products.....	165	7	2	(³)	(³)
	WESTERN GULF REGION.....	7,416	1,105	64	51	394
26	Paper and allied products.....	840	31	9	26	2
28	Chemicals and allied products.....	2,220	749	17	13	301
29	Petroleum and coal products.....	2,121	259	37	7	39
	COLORADO REGION.....	417	28	8	11	5
	GREAT BASIN REGION.....					
	CALIFORNIA REGION.....	947	106	13	17	20
20	Food and kindred products.....	102	14	1	4	4
24	Lumber and wood products.....	184	12	1	2	7
26	Paper and allied products.....	321	21	9	10	8
	PACIFIC NORTHWEST REGION.....	1,808	261	111	141	78
24	Lumber and wood products.....	636	80	3	3	67
26	Paper and allied products.....	1,108	170	108	132	11
	ALASKA AND HAWAII.....	452	72	12	24	22

Note: Detailed figures may not add to totals because of independent rounding.

¹Containing more than 1,000 parts per million of dissolved solids.

Electricity and Recirculating Water, by Purpose, Kind, and Source of Intake and Point
by Industry Groups: 1959-Continued

water intake of 20 million gallons or more)

Purpose of water intake-- Continued		Kind of intake			Gross water used, including recirculation or reuse		Water discharged			Code
Other cooling and condensing (billion gallons)	Boiler feed, etc. (billion gallons)	Fresh		Process (billion gallons)	Estab- lishments (number)	Quantity ² (billion gallons)	Total (billion gallons)	Treated for discharge (billion gallons)	To surface water systems (billion gallons)	
		Total (billion gallons)	From company surface water systems (billion gallons)							
24	5	64	48	(³)	45	230	60	14	57	20 28
13	1	26	16	...	31	40	25	10	25	
1	(³)	2	...	...	3	29	1	...	1
31	21	149	101	...	43	846	132	37	130	20 26 28 29
1	(³)	2	1	...	6	5	2	(³)	1	
1	3	59	23	...	9	415	57	33	56	
24	5	40	36	...	7	156	36	2	36	26 28 29
5	2	7	2	...	5	144	3	2	2	
631	30	220	118	885	49	3,024	1,049	205	920	
(³)	2	30	(³)	1	5	187	26	21	25	26 28 29
427	9	81	61	668	15	1,046	730	3	623	
197	17	98	51	161	12	1,569	235	180	235	
10	2	28	13	...	16	147	18	1	15	20 24 26
63	6	39	18	66	37	290	100	91	92	
6	(³)	9	2	6	11	21	12	2	8	
(³)	3	11	9	1	11	22	11	26	11	24 26
1	1	14	7	7	10	146	20	8	18	
19	22	236	169	25	66	552	252	27	244	
3	8	59	53	21	39	99	76	2	70	24 26
14	14	167	111	4	17	433	166	22	164	
23	4	71	53	1	23	122	63	4	51	

²Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.

³Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 16.—Quantity of Water Used and Discharged by Manufacturing Establishments Treating

Code	Industry group	All employees, total (number)	Water intake by purpose				Gross water used, including recirculation or reuse ¹ (billion gallons) ¹
			All purposes (billion gallons)	Process (billion gallons)	Cooling and condensing, including steam electric generating (billion gallons)	Boiler feed, etc. (billion gallons)	
	United States, total.....	xxx	5,709	1,614	3,662	432	14,583
20	Food and kindred products.....	138,338	139	48	73	17	215
201	Meat products.....	37,987	21	10	7	4	35
203	Canned and frozen foods.....	46,618	35	16	15	4	47
204	Grain mill products.....	6,184	7	2	5	1	14
206	Sugar.....	8,627	35	15	19	1	57
208	Beverages.....	17,907	20	3	11	5	23
209	Other food preparations.....	7,537	16	1	13	1	30
22	Textile mill products.....	74,002	32	17	12	4	37
221	Weaving mills, cotton.....	36,602	6	3	1	2	6
223	Weaving, finishing mills, wool.....	7,328	4	3	1	(³)	4
226	Textile finishing, except wool.....	8,263	14	8	5	1	16
24	Lumber and wood products.....	21,700	59	4	46	9	71
242	Sawmills and planing mills.....	13,516	53	4	42	8	64
243	Millwork and related products.....	6,350	4	(³)	3	1	5
26	Paper and allied products.....	128,827	959	587	316	58	3,599
261	Pulp mills.....	5,934	105	83	17	5	255
262	Paper mills, except building.....	64,515	528	323	171	33	2,067
263	Paperboard mills.....	30,535	263	135	114	15	1,027
264	Paper and paperboard products.....	11,788	21	14	6	1	80
266	Building paper and board mills.....	10,108	35	26	6	3	62
28	Chemicals and allied products.....	199,903	1,298	318	904	75	2,463
281	Basic chemicals.....	79,917	956	270	642	44	1,775
282	Fibers, plastics, rubbers.....	70,226	244	32	189	23	494
283	Drugs.....	24,957	24	2	20	2	41
289	Other chemical products.....	11,669	18	5	10	2	31
30	Rubber and plastics products, nec.....	36,648	18	5	10	3	33
306	Fabricated rubber products, nec.....	17,895	9	3	5	1	13
31	Leather and leather products.....	7,247	3	3	(³)	(³)	4
311	Leather tanning and finishing.....	5,529	3	3	(³)	(³)	4
32	Stone, clay and glass products.....	56,189	39	15	18	6	268
324	Cement, hydraulic.....	4,914	16	4	11	1	71
33	Primary metal industries.....	412,763	2,020	528	1,384	109	2,932
331	Steel rolling and finishing.....	261,595	1,892	482	1,318	91	2,655
332	Iron and steel foundries.....	14,586	15	7	6	2	22
333	Primary nonferrous metal.....	15,222	69	21	38	10	161
335	Nonferrous rolling and drawing.....	56,835	40	17	20	4	89
34	Fabricated metal products.....	56,324	9	4	2	3	19
35	Machinery, except electrical.....	146,259	96	6	79	11	139
352	Farm machinery and equipment.....	21,363	31	1	25	5	36
36	Electrical machinery.....	196,739	38	9	24	5	61
362	Electric industrial apparatus.....	28,118	6	1	4	1	12
37	Transportation equipment.....	485,155	97	19	19	59	204
371	Motor vehicles and equipment.....	182,409	76	14	11	51	134
374	Railroad equipment.....	14,904	2	(³)	1	1	9
38	Instruments and related products.....	56,968	9	6	1	2	42
39	Miscellaneous manufacturing, incl. ordnance.....	87,642	7	2	2	3	26

Note: Detailed figures may not add to totals because of independent rounding.

¹Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.

INDUSTRIAL WATER USE

11-111

Discharge Water, by Source of Intake and Point of Discharge, by Industry Groups: 1959

Water discharged and treated											Code
Total (billion gallons)	Point of discharge										
	Public utility sewer			Surface water body			Ground well, etc.			Not specified ² , total (billion gallons)	
	Total (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)	Total (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)	Total (billion gallons)	All treated (billion gallons)	Part treated (billion gallons)		
5,058	174	76	98	4,827	1,390	3,437	33	15	18	24	
109	30	12	19	71	29	42	5	4	1	3	20
16	10	4	6	5	3	3	1	1	...	(³)	201
27	8	4	4	16	5	11	2	2	1	1	203
6	1	(³)	1	5	5	(³)	...	...	...	(³)	204
28	1	(³)	(³)	24	14	10	1	1	(³)	(³)	206
15	6	1	4	9	(³)	8	(³)	...	(³)	(³)	208
12	3	(³)	2	9	1	8	(³)	(³)	(³)	(³)	209
25	4	2	2	21	8	13	(³)	(³)	(³)	(³)	22
3	2	1	1	1	(³)	(³)	...	...	...	...	221
3	1	(³)	1	2	2	(³)	(³)	(³)	(³)	...	223
12	1	(³)	1	11	4	7	...	...	...	...	226
30	3	(³)	3	26	5	21	1	(³)	(³)	(³)	24
25	3	(³)	2	22	4	18	(³)	(³)	(³)	(³)	242
3	(³)	(³)	...	3	1	2	...	...	...	...	243
820	15	13	2	795	196	600	2	1	1	8	26
102	4	4	...	98	13	85	(³)	...	(³)	...	261
468	2	2	1	464	97	367	1	(³)	1	1	262
189	6	5	1	175	64	111	1	1	(³)	7	263
18	1	1	(³)	17	11	6	(³)	(³)	...	(³)	264
29	(³)	(³)	(³)	29	3	26	...	...	...	...	266
1,228	25	16	9	1,185	398	786	10	2	8	8	28
929	15	11	4	910	302	608	2	1	(³)	2	281
222	4	2	2	211	75	136	6	(³)	5	1	282
20	3	1	1	15	1	14	2	(³)	2	(³)	283
10	1	1	1	8	1	6	(³)	(³)	(³)	1	289
13	3	1	1	9	1	8	1	(³)	(³)	...	30
7	2	(³)	1	5	(³)	5	(³)	(³)	(³)	...	306
3	2	1	1	1	1	(³)	(³)	(³)	(³)	...	31
3	2	1	1	1	1	(³)	(³)	(³)	(³)	...	311
20	2	1	1	16	7	10	1	(³)	1	1	32
3	(³)	(³)	(³)	3	(³)	3	(³)	(³)	(³)	(³)	324
1,822	38	19	19	1,776	140	1,635	7	4	3	1	33
1,717	10	3	7	1,705	98	1,607	2	1	1	(³)	331
14	7	7	(³)	6	1	6	1	(³)	1	...	332
60	8	7	2	49	40	9	3	3	...	(³)	333
27	11	3	9	15	2	14	1	(³)	1	(³)	335
9	4	(³)	3	4	1	3	(³)	(³)	(³)	1	34
74	9	5	4	65	11	54	(³)	(³)	(³)	(³)	35
23	4	4	...	19	4	15	...	...	...	...	352
23	11	1	10	12	1	11	(³)	(³)	(³)	(³)	36
5	1	(³)	1	4	(³)	4	...	...	...	(³)	362
87	19	3	16	66	6	59	2	(³)	2	(³)	37
70	14	1	12	56	5	51	(³)	(³)	(³)	(³)	371
1	(³)	(³)	(³)	1	1	(³)	...	...	...	...	374
7	1	(³)	1	6	6	(³)	(³)	(³)	(³)	(³)	38
6	3	(³)	3	3	1	2	(³)	...	(³)	(³)	39

²Represents data for establishments which treated part or all of their water prior to discharge but did not specify the discharge point. Of the 24 billion gallons discharged, 14 billion gallons was reported as treated.

³Less than 500 million gallons.

MANUFACTURES—SUMMARY STATISTICS

Table 17.—Quantity of Water Used by Utility Steam Electric Generating

Water use region		1959								
		Electricity generated		Water intake by source						Brackish (billion gallons)
				All purposes		Fresh				
		Quantity (millions kw.-hr.)	Coverage ² (percent)	Total (billion gallons)	Treated prior to use (billion gallons)	Total (billion gallons)	Public water utility (billion gallons)	From company surface water systems (billion gallons)	From company ground water systems (billion gallons)	
1	United States, total ²	554,684	97.7	28,928	424	20,580	162	20,350	68	8,348
2	New England.....	21,647	95.6	1,385	2	195	2	193	(³)	1,190
3	Delaware and Hudson.....	62,213	99.7	4,263	8	1,338	39	1,297	2	2,925
4	Chesapeake Bay.....	27,794	98.7	1,787	(³)	1,154	1	1,151	1	633
5	Eastern Great Lakes-St. Lawrence.....	33,758	99.0	2,149	21	2,149	31	2,118	(³)	...
6	Ohio.....	113,722	98.7	5,641	18	5,641	6	5,623	13	...
7	Tennessee.....	33,291	100.0	1,384	(³)	1,384	...	1,384	...	...
8	Cumberland.....	5,436	100.0	216	(³)	216	...	216	...	...
9	Southeastern.....	54,953	98.1	3,348	2	1,901	2	1,892	8	1,447
10	Western Great Lakes.....	45,731	98.1	3,077	5	3,077	1	3,077	(³)	...
11	Upper Mississippi.....	29,030	92.7	1,911	3	1,911	28	1,881	2	...
12	Lower Mississippi.....	10,130	96.9	362	6	296	(³)	287	8	66
13	Missouri.....	13,517	83.9	537	164	537	14	521	2	...
14	Arkansas, White and Red.....	20,029	95.2	300	164	300	2	287	10	(³)
15	Western Gulf.....	35,602	97.9	891	8	428	10	405	13	463
16	Colorado.....	5,996	90.0	27	4	27	20	(³)	7	...
17	Great Basin.....	1,430	91.9	18	1	18	(³)	18	...	...
18	California.....	40,402	99.9	1,631	17	8	6	...	2	1,623
19	Pacific Northwest.....	...	⁴ 100.0	...	...	...	...	...	...	...

Note: Detailed figures may not add to totals because of independent rounding. Prepared from establishment figures reported to the Federal Power Commission.

¹Includes water intake plus the quantity of water which would have been needed if no water was recirculated or reused.

INDUSTRIAL WATER USE

11-113

Establishments, by Purpose and Source of Water Intake: 1959 and 1954

1959--Continued						1954				
Gross water used ¹						Electricity generated	Water intake	Gross water use ¹	Total discharged	
Quantity of water recirculated	Total	Purpose			Total discharged					
(billion gallons)	(billion gallons)	Steam electric generation	Boiler feed, etc.	All other	(billion gallons)	(million kw.hr.)	(billion gallons)	(billion gallons)	(billion gallons)	
5,303	34,231	32,851	550	829	28,839	360,834	23,950	27,220	23,872	1
49	1,434	1,391	24	19	1,386	15,230	1,243	1,260	1,242	2
110	4,374	4,153	70	150	4,253	49,084	3,206	3,206	3,201	3
46	1,833	1,759	28	46	1,786	14,340	1,492	1,493	1,492	4
39	2,188	2,096	33	60	2,146	27,321	2,088	2,111	2,087	5
296	5,938	5,681	102	154	5,637	67,348	4,245	4,618	4,235	6
149	1,532	1,390	28	115	1,382	16,498	922	922	922	7
19	235	215	5	15	216	398	13	28	12	8
203	3,551	3,351	55	144	3,344	35,782	2,450	2,585	2,448	9
48	3,125	3,059	43	22	3,076	32,231	2,865	2,865	2,864	10
145	2,056	2,008	32	16	1,906	25,485	1,972	2,008	1,971	11
140	502	468	13	21	356	6,820	335	493	318	12
374	911	887	5	10	531	11,264	543	801	539	13
1,047	1,347	1,316	21	10	286	14,356	410	1,195	401	14
1,615	2,506	2,462	35	9	871	20,854	688	1,695	671	15
294	321	309	6	7	23	1,803	25	149	23	16
103	121	120	2	(³)	18	1,337	27	82	26	17
627	2,258	2,188	40	31	1,625	20,551	1,417	1,690	1,411	18
...	...	...	...	...	...	133	9	19	9	19

²Totals exclude amounts for Hawaii and Alaska. The 1954 figures represent data for all electric utility steam-electric generating plants whereas the 1959 figures are based on reports for only 542 plants. These 542 generating plants with 25,000 kw.-hr. or more capacity, however, accounted for 97.7 percent of the 567.7 billion kilowatt-hours (kw.hr.) generated by all electric utility plants in 1959. An approximation of the total for any water use region may be made, since the percentage coverage is shown. However, plants not included in the tabulation are the smaller, less efficient plants and their water requirements per kw.hr. generated would be greater than for the larger plants.

³Less than 500 million gallons.

⁴The total for the water use region is 44 million kw.-hrs.

MANUFACTURES—SUMMARY STATISTICS

Table 18.—Quantity of Water Used and Discharged for Mineral Industries, by Water Use Regions and by Major Industry Groups: 1959 (Estimated) and 1954

(Million gallons)

Code	Water use region and industry group	1959 ¹			1954		
		Water intake for all purposes	Gross water used, including recirculation or reuse ²	Water discharged	Water intake for all purposes	Gross water used, including recirculation or reuse ²	Water discharged
	United States, total ³	1,450,603	4,175,731	1,092,017	593,393	2,226,194	571,468
10	Metal mining.....	323,202	720,246	231,272	132,578	295,446	113,020
11	Anthracite mining.....	10,314	63,191	7,861	14,527	89,001	11,072
12	Bituminous coal and lignite mining.....	24,421	127,898	15,384	23,051	117,166	14,834
13	Crude petroleum and natural gas extraction.....	154,844	1,185,454	171,695	158,490	1,137,696	178,679
14	Nonmetallic minerals (except fuels) mining.....	937,822	2,078,942	665,805	264,747	586,885	253,863
	New England region.....	8,167	13,466	4,762	6,094	10,055	6,033
10	Metal mining.....	6	(NA)	1	...	...	...
14	Nonmetallic minerals (except fuels) mining...	8,161	13,466	4,761	6,094	10,055	6,033
	Delaware and Hudson region.....	37,557	82,491	33,926	24,819	54,697	22,762
10	Metal mining.....	2,974	13,655	2,576	186	854	126
11	Anthracite mining.....	3,391	12,984	2,555	4,776	18,287	3,599
14	Nonmetallic minerals (except fuels) mining...	31,192	28,795	55,852	19,857	35,556	19,037
	Chesapeake Bay region.....	26,259	103,604	22,801	24,198	105,938	21,441
10	Metal mining.....	4,270	18,993	4,184	1,027	4,568	725
11	Anthracite mining.....	6,923	50,207	5,306	9,751	70,714	7,473
12	Bituminous coal and lignite mining.....	34	642	31	31	584	28
14	Nonmetallic minerals (except fuels) mining...	15,032	33,762	13,280	13,389	30,072	13,215
	Ohio region.....	190,839	639,294	137,124	67,127	251,181	49,709
10	Metal mining.....	892	4,453	791	124	619	69
12	Bituminous coal and lignite mining.....	18,249	92,866	11,296	16,590	84,424	10,269
13	Crude petroleum and natural gas extraction...	29,054	110,962	18,681	27,955	98,279	18,152
14	Nonmetallic minerals (except fuels) mining...	142,644	431,013	106,356	22,458	67,859	21,219
	Cumberland region.....	1,459	(NA)	1,361	663	1,150	623
12	Bituminous coal and lignite mining.....	495	(NA)	462	450	1,150	420
14	Nonmetallic minerals (except fuels) mining...	964	(NA)	899	213		203
	Tennessee region.....	13,037	16,671	6,300	16,692	21,820	14,326
10	Metal mining.....	435	682	81	2,369	3,713	1,599
12	Bituminous coal and lignite mining.....	87	398	68	79	362	62
14	Nonmetallic minerals (except fuels) mining...	12,515	15,591	6,151	14,244	17,745	12,665
	Southeast region.....	167,604	548,577	83,184	*62,016	*204,908	*60,540
10	Metal mining.....	10,850	51,585	1,334	4,483	21,314	2,184
12	Bituminous coal and lignite mining.....	1,645	10,899	1,123	1,495	9,908	1,021
13	Crude petroleum and natural gas extraction...	781	5,505	1,743	4,388	4,388	*1,424
14	Nonmetallic minerals (except fuels) mining...	154,328	480,588	78,984	55,650	173,298	55,911
	Eastern Great Lakes region.....	41,955	82,405	39,843	15,310	30,641	13,623
10	Metal mining.....	7,285	20,260	6,205	4,439	12,345	4,325
12	Bituminous coal and lignite mining.....	(NA)	(NA)	(NA)		1,884	671
13	Crude petroleum and natural gas extraction...	1,415	1,415	502	1,884	16,412	8,627
14	Nonmetallic minerals (except fuels) mining...	33,255	60,730	33,136	8,987		
	Western Great Lakes region.....	179,615	262,718	166,108	*36,855	*56,887	*34,219
10	Metal mining.....	54,564	93,429	46,473	19,960	34,177	16,993
13	Crude petroleum and natural gas extraction...	430	602	977	4,450	4,450	*1,129
14	Nonmetallic minerals (except fuels) mining...	124,621	168,687	118,658	*16,445	*22,260	*16,097
	Upper Mississippi River region.....	100,532	274,471	54,626	26,581	78,614	22,301
10	Metal mining.....	13,596	116,712	12,237	3,341	28,680	1,540
12	Bituminous coal and lignite mining.....	2,603	15,608	1,483	2,366	14,189	1,348
13	Crude petroleum and natural gas extraction...	3,175	3,175	1,847	...	...	4
14	Nonmetallic minerals (except fuels) mining...	81,158	138,976	39,059	20,874	35,745	19,409
	Lower Mississippi River region.....	40,789	69,905	42,595	42,897	93,984	62,315
10	Metal mining.....	552	(NA)	517	(^e)	(^e)	(^e)
13	Crude petroleum and natural gas extraction...	11,720	29,169	31,349	33,662	80,792	53,641
14	Nonmetallic minerals (except fuels) mining...	28,517	40,736	10,729	*9,235	*13,192	*8,674
	Missouri River region.....	63,724	182,345	56,048	26,973	78,450	24,875
10	Metal mining.....	3,399	7,309	781	2,873	6,178	2,303
12	Bituminous coal and lignite mining.....	389	1,130	257	354	1,027	234
13	Crude petroleum and natural gas extraction...	9,432	22,293	8,809	4,162	12,454	3,126
14	Nonmetallic minerals (except fuels) mining...	50,504	151,613	46,201	19,584	58,791	19,212

See footnotes at end of table.

Table 18.--Quantity of Water Used and Discharged for Mineral Industries, by Water Use Regions and by Major Industry Groups: 1959 (Estimated) and 1954--Continued

(Million gallons)

Code	Water use region and industry group	1959 ¹			1954		
		Water intake for all purposes	Gross water used, including recirculation or reuse ²	Water discharged	Water intake for all purposes	Gross water used, including recirculation or reuse ²	Water discharged
	Arkansas, White and Red Rivers region.....	83,966	354,586	75,730	43,467	254,362	39,982
10	Metal mining.....	11,553	31,779	10,277	8,784	24,162	6,513
12	Bituminous coal and lignite mining.....	276	2,018	191	251	1,834	173
13	Crude petroleum and natural gas extraction...	29,443	220,988	30,563	25,637	207,807	24,852
14	Nonmetallic minerals (except fuels) mining...	42,694	99,801	34,699	8,795	20,559	8,444
	Western Gulf region.....	115,694	775,846	81,131	82,488	666,629	80,464
10	Metal mining.....	3,515	172	3,228	2,504	25,175	2494
13	Crude petroleum and natural gas extraction...	60,376	684,290	61,894	56,063	612,482	60,195
14	Nonmetallic minerals (except fuels) mining...	51,803	91,384	16,009	23,921	48,972	19,775
	Colorado River region.....	92,218	149,508	73,435	720,704	735,270	715,898
10	Metal mining.....	85,046	135,561	70,168	19,272	30,719	14,788
12	Bituminous coal and lignite mining.....	340	2,686	204	309	2,442	185
13	Crude petroleum and natural gas extraction...	2,044	2,044	915	757	757	718
14	Nonmetallic minerals (except fuels) mining...	4,788	9,217	2,148	1,066	2,052	907
	Great Basin region.....	138,449	174,503	119,986	25,905	37,191	25,829
10	Metal mining.....	42,848	61,874	41,520	25,091	36,232	25,022
12	Bituminous coal and lignite mining.....	...	...	...		(7)	(7)
13	Crude petroleum and natural gas extraction...	11	11	4		959	807
14	Nonmetallic minerals (except fuels) mining...	95,590	112,618	78,462			
	Pacific Northwest region.....	29,093	22,193	10,297	18,088	24,497	16,589
10	Metal mining.....	17,875	21,845	2,115	12,500	15,276	10,794
12	Bituminous coal and lignite mining.....	(NA)	348	(NA)	(NA)	316	(NA)
14	Nonmetallic minerals (except fuels) mining...	11,218	(NA)	8,182	5,588	8,905	5,795
	California region.....	85,318	240,472	82,491	31,736	160,593	41,247
10	Metal mining.....	31,016	72,458	28,784	4,597	15,546	4,523
12	Bituminous coal and lignite mining.....	(NA)	(NA)	...		119,468	18,503
13	Crude petroleum and natural gas extraction...	6,963	105,000	14,411		25,579	18,221
14	Nonmetallic minerals (except fuels) mining...	47,339	63,014	39,296			
	Alaska region.....	34,025	87,365	(NA)	21,739	55,695	21,728
10	Metal mining.....	32,526	85,366	(NA)	20,871	54,777	20,864
12	Bituminous coal and lignite mining.....	...	...	...	850	895	849
13	Crude petroleum and natural gas extraction...	...	...	...	3	3	...
14	Nonmetallic minerals (except fuels) mining...	1,499	1,999	(NA)	15	20	15

Note: Detailed figures may not add to total due to independent rounding.

NA Not available.

¹The 1959 figures are estimates prepared by the U. S. Bureau of Mines. See text for explanation.

²Includes water intake plus the quantity of water which would have been required if water was not recirculated or reused.

³The sum of the detail for regions and industry groups do not add to the United States totals because data for certain groupings in specified river basins may not be shown without disclosing operations of individual companies. The differences between the sum of the water use region data and the United States are as follows:

(Million gallons)

Code	Industry group	1959		
		Water intake for all purposes	Gross water used, including recirculation or reuse	Water discharged
	Net adjustments.....	+303	+95,311	+269
10	Metal mining.....	...	-15,887	...
11	Anthracite mining.....	...	...	...
12	Bituminous coal and lignite mining	+303	+1,303	+269
13	Crude petroleum and natural gas...	...	...	...
14	Nonmetallic minerals (except fuels) mining.....	...	+109,895	...

⁴Excludes data for Natural Gas Liquids Industry which for the Southeast and Western Great Lake Regions had the following combined totals: Water intake 306 million gallons - Water discharged 223 million gallons and Gross water used 3,632 million gallons.

⁵Includes data for bituminous coal and lignite mining.

⁶Data for metal mining included with nonmetallic minerals.

⁷Data for Crude Petroleum and Natural Gas Extraction in Great Basin Region included in Colorado region.

SPECIAL REPORT

Manufacturing Activity in Government Establishments

This special report presents data for manufacturing activities of selected Government establishments in continental United States. These data are not included in other 1958 Census of Manufactures reports, which cover privately operated establishments only. Manufacturing establishments owned by the Federal Government and operated by private companies either for the Government or for their own account are included with privately operated establishments. Three types of establishments are covered in this report: (1) manufacturing facilities owned and operated by the Department of Defense; (2) prison industries (Federal, District of Columbia, and State); and (3) manufacturing facilities owned and operated by other United States Government agencies. The data were prepared with the cooperation of the Department of Defense, the Department of Justice, the Department of Interior, and the District of Columbia and State prison systems. Comparable data for 1954, when available, are also shown.

Manufacturing Facilities Owned by the United States Government and Operated by the Department of Defense

Data are shown in tables 1-3, for manufacturing facilities owned by the United States Government and operated by the Department of Defense. Although these establishments may also be engaged in nonmanufacturing activities at the same location, the statistics represent only their activities relating to manufacturing.

This report covers all manufacturing installations operated by the Department of Defense which produce goods or perform manufacturing services for the general supply system of the Department of Defense. It does not include activities of Defense Department installations which serve primarily or exclusively their own installations (e.g., bakeries, some machine shops, and box plants).

Statistics are shown in tables 1 and 2 for employment, man-hours, payrolls, and value added by manufacture. Military personnel

are not included in any of the employment, payroll or man-hours data. These data represent only nonmilitary (wage board and graded) employees engaged in the manufacturing activities at the plant. Value added by manufacture represents the total value of shipments (including the value of manufacturing services) less the cost of materials, parts, supplies, etc., actually consumed or put into production during the year, whether purchased during the year, withdrawn from inventories, or received from other Government agencies. For a few establishments, value added by manufacture was partly estimated by the Bureau of the Census after consultation with the Department of Defense, on the basis of related data reported by the establishment.

The value of shipments reflects all of the direct costs incurred by the establishments in manufacturing operations such as labor, raw materials, components, parts, supplies, overhead, etc. For shipyards, value of shipments represents the value of new construction and repair work performed during the year whether or not the vessels were completed by the year end. Generally, individual product statistics are shown in table 3 only for those items with a civilian counterpart. Furthermore, product detail on ordnance and related items is withheld for security reasons on advice of the Bureau of the Budget.

Prison Industries (Federal, District of Columbia and State)

During 1958 manufactured products valued at \$97,307 thousand were produced in Federal, District of Columbia, and State prisons in the United States. The comparable 1954 figure of \$69,184 thousand also includes the value of products produced for use within the institutions as well as for products transferred to other Governmental agencies or for sale in the open market. These data, shown in detail in table 4, cover the activities of the Federal Prison Industries, Inc., as well as those of the prison industries of each State and the District of Columbia.

SR-2 MANUFACTURING ACTIVITY IN GOVERNMENT ESTABLISHMENTS

Manufacturing Facilities Owned and Operated by Other United States Government Agencies

Manufacturing operations of the Bureau of Mines, U. S. Department of Interior, are not included in tables 1 through 4. That agency is the sole producer of helium in the United States. During 1958, it operated 4 plants from which 352 million cubic feet of helium valued at \$5,741 thousand were shipped. The average number of employees totaled 448 of which 300 were production and related workers, and the total wages and salaries paid amounted to \$1,980 thousand. Comparable figures for other years as well as additional detail for

production, shipments, consumption, prices, reserves and activities relating to conservation and technology appear in the Minerals Yearbook, a publication of the Bureau of Mines.

Excluded from this report are the manufacturing activities of the Government Printing Office and the Tennessee Valley Authority. The operations of these agencies are covered in their Annual Reports. Also excluded are the minor manufacturing activities of such other Government agencies as the Post Office Department and the General Services Administration. The manufacturing activities of these latter agencies have no counterparts in private industry.

Table 1.--Selected General Statistics for Manufacturing Facilities Operated by the Department of Defense, by Divisions and States: 1958 and 1954

Geographic division and State	1958						1954	
	All employees (wage board and graded)		Production workers (wage board)			Value added by manufacture, unadjusted (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)			
UNITED STATES.....	125,440	717,130	93,871	173,833	531,587	799,239	172,884	919,772
New England.....	20,025	113,295	16,198	28,646	91,118	126,254	26,283	126,766
New Hampshire.....	7,390	41,486	5,865	10,219	32,181	42,004	26,283	35,415
Massachusetts.....	12,635	71,809	10,333	18,427	58,937	84,250	18,376	91,351
Middle Atlantic.....	31,252	171,285	24,947	46,783	135,731	199,297	42,154	225,618
New York.....	15,040	87,009	11,286	20,394	65,285	101,297	19,396	112,641
New Jersey.....	1,915	10,595	1,435	2,508	7,940	18,657	3,839	16,036
Pennsylvania.....	14,297	73,681	12,226	23,881	62,506	79,343	18,919	96,941
East North Central.....	4,219	23,607	2,580	4,700	14,796	32,075	12,642	71,462
Indiana.....	185	895	161	337	787	1,983	3,863	23,967
Illinois.....	4,034	22,712	2,419	4,363	14,009	30,092	8,746	47,095
West North Central.....	...	...	...	...	...	...	2,653	11,700
South Atlantic.....	26,555	143,624	19,225	34,245	105,621	151,778	33,972	171,487
Maryland.....	1,263	6,824	875	1,559	4,506	8,199	3,366	14,929
District of Columbia.....	5,266	29,002	2,320	4,194	14,487	29,750	8,732	52,500
Virginia.....	11,880	65,361	9,647	17,240	52,685	69,316	13,474	63,310
South Carolina.....	7,075	37,146	5,534	9,732	29,966	37,222	6,344	31,500
Georgia.....	702	3,338	509	924	2,179	3,338	2,056	9,248
Florida.....	369	1,953	340	596	1,798	3,953	...	...
East South Central.....	7,192	52,047	2,828	5,429	17,312	52,882	2,537	15,250
Kentucky.....	1,737	9,890	860	1,588	5,143	10,382	1,474	8,850
Alabama.....	5,455	42,157	1,968	3,841	12,169	42,500	1,063	6,400
West South Central.....	844	3,978	640	1,305	2,962	5,324	5,874	30,523
Arkansas.....	191	1,023	150	310	835	1,175	2,963	14,750
Oklahoma.....	653	2,955	490	995	2,127	4,149	2,911	19,773
Mountain.....	1,251	6,500	277	550	1,480	6,830	2,747	15,910
Colorado.....	78	449	72	130	414	480	2,051	12,210
Nevada.....	1,173	6,051	205	420	1,066	6,350	295	1,600
Pacific.....	34,102	202,794	27,176	52,175	162,567	224,799	44,022	251,056
Washington.....	10,942	63,373	8,731	15,886	51,167	74,018	14,616	79,571
California.....	23,160	139,421	18,445	36,289	111,400	150,781	29,406	171,485

Table 2.--Selected General Statistics for Manufacturing Facilities Operated by the Department of Defense, by Type of Activity: 1958 and 1954

SIC code	Major activity	1958						1954					
		All employees (wage board and graded)		Production workers (wage board)			Value added by manufac- ture, un- adjusted (\$1,000)	All employees (wage board and graded)		Production workers (wage board)			Value added by manufac- ture, un- adjusted (\$1,000)
		Number	Payroll (\$1,000)	Number	Man- hours (1,000)	Wages (\$1,000)		Number	Payroll (\$1,000)	Number	Man- hours (1,000)	Wages (\$1,000)	
	All manufacturing facilities, total ¹	125,440	717,130	93,871	173,833	531,587	799,239	172,884	752,798	138,532	249,545	603,394	919,772
2311	Men's suits, coats, and other clothing.....	2,513	9,515	2,212	4,308	7,937	10,501	2,429	7,671	2,179	3,716	6,350	9,385
3662	Electronic equipment.....	1,915	10,595	1,435	2,508	7,940	18,657	...	...	...	...	...	...
3731	Ship and boat building and repairing.....	91,083	522,649	73,174	135,278	420,944	571,127	109,754	496,031	89,577	156,489	408,631	579,947
3842	Personal safety devices.....	103	636	86	165	526	699	...	...	...	...	...	...
1900	Ordnance.....	29,826	173,735	16,964	31,574	94,240	198,255	56,884	233,966	43,474	83,452	175,881	312,415
-	All other manufacturing ¹.....	...	...	...	...	...	...	3,817	15,130	3,302	5,888	12,532	18,025

¹For 1954 includes facilities classified in the following industries: coffee roasting; cordage and twine; canvas and other fabricated textile products; explosives; paints, varnishes, lacquers, japans, and enamels; iron and steel forgings; and lighting fixtures.

MANUFACTURING ACTIVITY IN GOVERNMENT ESTABLISHMENTS

Table 3.--Quantity and Value of Products Shipped by Manufacturing Facilities
Operated by the Department of Defense: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2298111	Abaca rope and cable:	1,000 lbs.	2,427	772	3,954	1,118
2298115	3/4 inch diameter and larger.....	...do....	200	64	1,039	298
2298217	Less than 3/4 inch diameter.....	...do....	145	211	...	...
2311175	Nylon rope.....	Number...	45,019	1,493	170,570	2,961
2311275	Men's military uniform apparel:	...do....	144,872	1,489	21,617	283
2311375	Uniform suits.....	...do....	179,176	3,492	318,218	4,735
2321412	Overcoats.....	Dozen....	99,883	2,898	95,400	3,492
2327151	Jackets.....	Number...	93,526	2,501	80,600	4,084
2352217	Shirts.....	Dozen....	50,988	892	(NA)	(¹)
2328212	Trousers.....	Number...	27,619	1,279	66,755	2,333
2329112	Hats and caps.....	...do....	3,021	396	(NA)	(¹)
2300000	Men's work clothing.....	...do....	xxx	117	xxx	13,214
2330000	Men's heavy outerwear coats and jackets.....	...do....	xxx	1,365	...	...
2390000	Other men's apparel, including knit outerwear.....	...do....	xxx	570	xxx	4,530
2599098	Women's military uniform apparel.....	...do....	xxx	...	...	...
2813210	Other fabricated textile products, such as canvas bags, flags, etc.....	...do....	xxx	...	...	...
2813430	Metal furniture.....	...do....	xxx	658	...	...
2851218	Acetylene and oxygen.....	...do....	xxx	155	...	...
2851130	Paints, marine:	1,000 gals.	106	421	628	1,406
2892000	Ship bottom.....	...do....	500	1,500	3,244	5,860
2899329	Other.....	...do....	xxx	792	xxx	25,693
3312201	Explosives.....	...do....	xxx	1,174	...	...
3321000	Pyrotechnics.....	...do....	xxx	1,200	xxx	572
3391000	Steel ingot.....	...do....	xxx	301	xxx	209
3479031	Gray iron castings ².....	...do....	xxx	...	...	...
3662600	Iron and steel forgings.....	...do....	xxx	150	...	...
3731000	Galvanizing.....	...do....	xxx	19,182	...	...
3732000	Electronic military equipment.....	...do....	xxx	671,650	xxx	780,042
3842311	Shipbuilding and repairing.....	...do....	xxx	45,949	xxx	11,386
3842351	Boatbuilding and repairing.....	...do....	xxx	496	...	...
...	Respiratory protection equipment.....	...do....	xxx	410	xxx	(¹)
...	Protective clothing.....	...do....	...	...	xxx	64,271
...	All other products ³.....	...do....	...	...	...	...

NA Not available.

xxx Not applicable

¹For 1954, included with Other men's apparel, including knit outerwear.²Excludes castings produced and consumed at the same facility.³For 1954 includes the following products: Roasted coffee, ground, \$53,086 thousand; Agave rope and cable 3/4 inch in diameter and larger, \$1,118 thousand; Lighting fixtures, \$1,282 thousand; Other transportation equipment, \$5,323 thousand; and Optical instruments and lenses, \$4,572 thousand.

Table 4.--Quantity and Value of Shipments of Products Manufactured at Federal, District of Columbia, and State Prisons: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	TOTAL.....		xxx	97,307	xxx	69,184
2010000	Meat and meat products.....		xxx	5,893	xxx	1,389
2020000	Dairy products.....		xxx	1,807	xxx	(NA)
2015000						
2032000	Canned foods.....		xxx	4,608	xxx	3,689
2035000						
2041000	Flour.....		xxx	276	xxx	304
2042000	Prepared animal feeds.....		xxx	1,129	xxx	380
2099000	Coffee and tea.....		xxx	1,171	xxx	1,261
2131000	Tobacco, chewing and smoking.....		xxx	1,067	xxx	800
2211055						
2213900	Blankets.....		xxx	1,506	xxx	1,419
2211000						
2231000	Woven fabrics.....	1,000 lbs.	14,682	11,277	10,849	7,864
2298000	Cordage and twine.....	..do....	15,334	2,707	16,328	3,038
2254400						
2311000						
2322000	Apparel.....		xxx	12,364	xxx	9,547
2328000						
2329000						
2211000						
2329000	Sheets and pillow cases.....		xxx	948	xxx	773
2394000	Canvas specialties.....		xxx	4,309	xxx	922
2399000	Miscellaneous textile products.....		xxx	270	xxx	121
2515200	Mattresses.....		xxx	3,369	xxx	1,736
2531000	Wooden furniture.....		xxx	5,364	xxx	4,544
2751000						
2752000						
2761000	Printing and binding.....		xxx	2,317	xxx	1,263
2789000						
2841000						
2842000	Soaps.....		xxx	2,068	xxx	1,174
2851000	Paints.....		xxx	2,006	xxx	1,527
3141000	Shoes.....	1,000 prs.	1,030	5,674	1,173	5,746
3272000	Concrete products.....		xxx	264	xxx	248
3321000						
3322000						
3361000	Castings.....		xxx	300	xxx	456
3362000						
3369000						
3461898	License plates.....	1,000....	94,004	10,899	81,378	7,932
3461898	Highway and road signs.....	..do....	1,340	3,693	1,204	2,532
3522000	Farm equipment.....		xxx	913	xxx	643
3499000						
3599000	Miscellaneous metal products.....		xxx	6,532	xxx	3,265
3981000	Brooms and brushes.....		xxx	4,178	xxx	2,741
9000000	Miscellaneous products.....		xxx	398	xxx	13,870

Note: Excludes agricultural products, road building, and other nonmanufacturing activities.

NA Not available.

xxx Not applicable.

¹Includes the values reported separately in 1954, but for which separate data are not available in 1958, for the following products: Yarns, \$836 thousand; knit goods, \$861 thousand; flax, \$121 thousand; lumber, \$152 thousand; hospital beds, \$225 thousand; paper products, \$293 thousand; brick, \$954 thousand.

APPENDIXES

APPENDIX A.—NOTES ON COMPARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

Part 1.—Qualifications of the Comparability of 1954 and 1958 Statistics Shown in Industry Summary Tables

(This appendix is intended for use mainly with industry summary tables showing 1954 and 1958 data. Appendixes B and C should also be consulted for this purpose. Described below are elements of noncomparability between the 1954 and 1958 data shown in summary tables for industries and industry groups whose definitions were revised by the new (1957) Standard Industrial Classification, but the revisions were relatively minor. Negligible revisions in industry definitions which did not affect comparability are not listed here. Also omitted are instances where an old SIC industry was split into two or more new industries, or where the only change was the merger of two or more old industries into one new industry. (See Part 2 for a list of such industry splits and consolidations and for industries with the same definition but a different code number under the new SIC.)

Industries 2361 and 2369 illustrate the meaning of this Appendix: the new SIC classifies establishments primarily producing girls' and children's knit outerwear shirts in 2361 and this product was classified in 2369 under the old SIC. Therefore, they are included in the 1954 data for 2369 but in 1958 data for Industry 2361. 1958 employment for these establishments in ALL STATES was 1,438. This appendix shows, for this and other similar cases, the noncomparabilities of this type and the degree of such noncomparability. When the degree of noncomparability was substantial, 1954 figures were not shown in industry summary tables.

These qualifications of the 1954 data apply only to the specific codes next to which they appear. For example, the 1954 total for Major Group 20 excludes establishments primarily producing fats and oils because they were classified in Major Group 28 under the old SIC. However, 1954 data for the individual (4-digit) Fats and Oils Industries are shown in industry summary tables under their new Major Group 20 codes (2091 through 2095) because their definitions were not revised by the new SIC except in one case where two old industries were combined into one new industry)

1954 data include but 1958 exclude establishments				1954 data exclude but 1958 data include establishments			
SIC code	Primarily engaged in manufacture of--	For 1958, such establishments are included in the specified new SIC industry	1958 employment for these establishments in ALL States	SIC code	Primarily engaged in manufacture of--	For 1954, such establishments are included in the specified old SIC industry	1958 employment for these establishments in ALL States
20	Synthetic sausage casings.....	30	(¹)	20	Fats and oils.....	28	32,841
201	Synthetic sausage casings.....	307	(¹)	201	Canned poultry products.....	203	1,944
2013	Synthetic sausage casings.....	3079	(¹)		Eggs, liquid, dried, or frozen.....	209	4,490
2026 ²				2026 ²	Cottage cheese.....	2022	1,854
					Aerated cream, plastic cream, buttermilk, other fermented milk, and flavored milk drinks.....	2025	789
203	Canned poultry products.....	201	1,944	203	Frozen prepared foods such as frozen fruit pies, meat pies, baked goods, complete dinners, etc.; mincemeat.....	209	14,158
22 ³	Hats, fur-felt, wool-felt, straw; hatter's fur.....	23	10,029	22 ³	Shrinking and sponging of cloth.....	23	1,723
2231				2231	Shrinking and sponging of cloth.....	2399	1,723
23	Shrinking and sponging of cloth.....	22	1,723	23	Hats, fur-felt, wool-felt, straw; hatter's fur.....	22	10,029
					Parachutes.....	37	1,454
232	Cloth hats and caps.....	235	7,672				
	Hat and cap materials.....	239	623				
2361				2361	Girls' and children's knit outerwear shirts.....	2369	1,438
2369	Girls' and children's knit outerwear shirts.....	2361	1,438				
239	Shrinking and sponging of cloth.....	2231	1,723	239	Hatter's fur.....	2284	612
					Suit and coat findings.....	2312	2,420
					Hat and cap materials.....	2326	623
					Parachutes.....	3729	1,454
242	Veneer.....	243	13,103	242	Hardwood dimension.....	249	3,594
2432	Particle board.....	2499	1,594				
244	Rattan and willow ware products, except furniture.....	249	1,246				
25	Wood window and door screens.....	24	1,200				
	Metal window and door screens; metal weatherstrip.....	34	3,403				
	Laboratory and hospital furniture, except beds.....	38	5,184				
2641	Printed playing cards and tags.....	275	3,792	2641	Sanitary napkins and tampons.....	38	3,245
2651				2651	Laminated or coated wrappers, except waxed (rolls and sheets).....	2699	2,257
2652	Vulcanized fiber boxes.....	2655	358	2652	Corrugated paperboard in sheets and rolls, pallets, and other packaging accessories.	2699	1,651
2653				2653			

See footnotes at end of table.

APPENDIX A--NOTES ON COMPARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

Part 1--Qualifications of the Comparability of 1954 and 1958 Statistics Shown in Industry Summary Tables--Continued

1954 data include but 1958 exclude establishments				1954 data exclude but 1958 data include establishments			
SIC code	Primarily engaged in manufacture of--	For 1958, such establishments are included in the specified new SIC industry	1958 employment for these establishments in ALL States	SIC code	Primarily engaged in manufacture of--	For 1954, such establishments are included in the specified old SIC industry	1958 employment for these establishments in ALL States
2655				2655	Vulcanized fiber boxes.....	2671	358
275 }				275 }	Printed playing cards and tags.....	269	3,792
276 }				276 }	Sales books.....	278	2,199
28	Fats and oils.....	20	32,481	28	Fireworks and pyrotechnics.....	39	1,628
29 ^a							
30 ^s				30 ^s	Synthetic sausage casings.....	20	(¹)
3011				3011	Tire retreading materials (camelback), tire repair materials, tire flaps, and tiring.....	3099	2,149
3069	Tire retreading materials (camelback), tire repair materials, tire flaps, and tiring... Factory rebuilt or retreaded tires.....	3011 87534	2,149 (NA)				
3079				3079	Synthetic sausage casings.....	201	(¹)
31				31	Jewelry and instrument cases.....	39	6,214
3161	Men's travel kits.....	3172	383	3161	Musical instrument cases.....	3986	474
317	Musical instrument cases.....	3161	474	317	Men's travel kits.....	3161	383
3172	Musical instrument cases.....	3161	474	3172	Men's travel kits.....	3161	383
33 ⁷				33 ⁷	Plain aluminum foil.....	34	4,504
3312	Seamless pipe from purchased materials....	3317	1,439				
3317				3317	Seamless pipe from purchased materials....	3312	1,439
331 }				331 }			
339 }	Nonferrous wire and cable.....	335	38,425	339 }	Nails and spikes.....	348	3,445
34 ^a	Plain aluminum foil.....	33	4,504	34 ^a	Metal window and door screens; metal weatherstrip.....	25	3,403
	Commercial cooking and food warming equipment, except electric.....	35	2,838		Heat exchangers and steam condensers.....	35	8,360
	Household ovens and ranges, except electric.....	36	12,810				
	Household water heaters, except electric..	36	8,729				
344				344	Metal windows and door screens; metal weatherstrip.....	256	3,403
					Heat exchangers and steam condensers.....	356	8,360
35 ⁹ }	Automobile, truck, and bus bearings.....	37	4,994	35 ⁹ }	Commercial cooking and food warming equipment, except electric.....	34	2,838
36 }	Aircraft and related engine and power take-off gears.....	37	1,935	36 }	Household ovens and ranges, except electric.....	34	12,810
	Rebuilt motor vehicle engines and parts, except carburetors.....	37	5,797		Household water heaters, except electric..	34	8,729
	Revolution counters; laboratory scales....	38	2,113		Soda fountain and bar equipment.....	39	976
	Heat exchangers and steam condensers.....	34	8,360		Machine shops engaged exclusively in repair work.....	1076	(NA)
	Pinball and other amusement machines.....	39	3,100				
	Electrical hearing aids.....	38	1,984				
3571	Revolution counters.....	3821	1,727				
3576	Laboratory scales.....	3811	386				
3599	Rebuilt motor vehicle engines and parts, except carburetors.....	3717	5,797	3599	Machine shops engaged exclusively in repair work.....	107699	(NA)
3635	Industrial vacuum cleaners.....	3584	432				
369	Electrical hearing aids.....	384	1,984	364	Connectors for electronic application.....	366	3,979
371	Automobile trailers.....	379	20,734	371	Automobile, truck, and bus bearings.....	356	4,994
					Rebuilt motor vehicle engines and parts, except carburetors.....	359	5,797
3717				3717	Automobile, truck, and bus bearings.....	3566	4,994
					Rebuilt motor vehicle engines and parts, except carburetors.....	3599	5,797
372 ¹¹	Parachutes.....	239	1,454	372 ¹¹	Aircraft and related engine and power take-off gears.....	356	1,935
3721 ¹¹							

See footnotes at end of table.

APPENDIX A.--NOTES ON COMARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

A-3

Part 1.--Qualifications of the Comparability of 1954 and 1958 Statistics Shown in Industry Summary Tables--Continued

1954 data include but 1958 exclude establishments:				1954 data exclude but 1958 data include establishments			
SIC code	Primarily engaged in manufacture of--	For 1958, such establishments are included in the specified new SIC industry	1958 employment for these establishments in ALL States	SIC code	Primarily engaged in manufacture of--	For 1954, such establishments are included in the specified old SIC industry	1958 employment for these establishments in ALL States
38	Sanitary napkins and tampons.....	26	3,245	38	Laboratory and hospital furniture, except beds.....	25	5,184
					Revolution counters; laboratory scales....	35	2,113
					Electrical hearing aids.....	36	1,984
3821 } 3822 }				3821 } 3822 }	Revolution counters.....	3571	1,727
39 ¹² {	Cork products.....	24	907	39 ¹² {	Pinball and other amusement machines.....	35	3,100
19 {	Fireworks and pyrotechnics.....	28	1,628	19 {			
	Jewelry and instrument cases.....	31	6,214				
	Soda fountain and bar equipment.....	35	976				
398 {	Cork products.....	249	907	398 {	Pinball and other amusement machines.....	357	3,100
399 {	Fireworks and pyrotechnics.....	289	1,628	399 {	Hard-surface floor coverings.....	227	7,999
19 {	Jewelry and instrument cases.....	316	6,214	19 {			
	Soda fountain and bar equipment.....	358	976				

NA Not available.

¹2,500 to 4,999 employees. The exact figure is withheld to avoid disclosure of information for individual companies.

²The comparability of the figures for 1954 and 1958 is affected by differences in the coverage of fluid milk bottling, and, therefore, caution should be observed in evaluating the industry growth between the two years. For further explanation, see 1958 Census of Manufactures Industry Report, MC58(2)-20B, pages 2 and 3.

³The 1954 total for Major Group 22 has been adjusted to exclude old SIC Industry 2274, "Hard Surfaced Floor Coverings."

⁴The 1954 total for Major Group 29 has been adjusted to exclude old SIC Industries 2931, "Beehive Coke Ovens;" and 2932, "Byproduct Coke Ovens."

⁵The 1954 total for Major Group 30 has been adjusted to include old SIC Industry 3971, "Plastic Products, NEC."

⁶Industry 7534 is a Service Industry, "Tire Repair Shops."

⁷The 1954 total for Major Group 33 has been adjusted to include old SIC Industries 2931, "Beehive Coke Ovens;" 2932, "Byproduct Coke Ovens;"

3481, "Nails and Spikes;" and 3631, "Insulated Wire and Cable."

⁸The 1954 total for Major Group 34 has been adjusted to include old SIC Industries 3568, "Mechanical Stokers;" 3591, "Valves and Fittings, Except Plumbing;" and 3592, "Fabricated Pipe and Fittings." It has also been adjusted to exclude old SIC Industries 3471, "Lighting Fixtures" and 3481, "Nails and Spikes."

⁹The combined total for Major Groups 35 and 36 has been adjusted to include old SIC Industry 3471, "Lighting Fixtures" and to exclude old SIC Industries 3568, "Mechanical Stokers;" 3591, "Valves and Fittings, Except Plumbing;" 3592, "Fabricated Pipe and Fittings;" and 3631, "Insulated Wire and Cable."

¹⁰Industry 7699 is a Service Industry, "Machine Shop Repairs."

¹¹Although the definition of Industry 3721 is the same under both the old and new SIC, comparability of the 1958 and 1954 figures may be affected by a difference in the method of assigning establishments to this industry. In 1958, an establishment manufacturing complete aircraft was classified in Industry 3721 if its value of work done on aircraft exceeded its value of shipments of any other single industry's products. In 1954, any establishment manufacturing at least one complete aircraft was classified in Industry 3721.

¹²The combined 1954 total for Major Groups 19 and 39 has been adjusted to include old SIC Industry 2274, "Hard Surfaced Floor Coverings" and to exclude old SIC Industry 3971, "Plastic Products, NEC."

APPENDIX A--NOTES ON COMPARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

Part 2.--New SIC - Old SIC Code Conversions for Selected Industries

(An industry is listed below if 1954 data are comparable to 1958 data but in addition:

- a) The industry has the same definition but a different code number under the new SIC; or
- b) An old SIC industry was split into two or more whole industries under the new SIC; or
- c) Two or more old industries were merged into one industry under the new SIC

Also shown are combinations of industry groups which were made to obtain substantially comparable 1954 data)

New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code
2031	{ 2031 2032	2381	{ 2381 2382	2789	{ 2781 2789	3317 ¹	3393	3537	3565
2046	2094					3356	3359	3562	3593
2086	2081	2432 ¹	{ 2422 2432	2813	2896	3361		3613	
2087	2095	2591	{ 2562 2563	2814	2821	3362	3361	3622	3616
2091	2881			2815	2822	3369		3621	3614
2092	2883	2611		2819	{ 2811 2819	3431	3431	3623	3617
2093	{ 2882 2884	2621		2822	2824	3432		3624	3612
2094	2886	2631	261	2823		3441		3633	3781
2095	2889	2661		2824	2825	3449	3441	3635 ¹	3584
2096	{ 2092 2093	2642	2651	2825		3451	3495	3636	3583
2211	2233	2643	2661	2826		3452	3494	3641	3651
2221	2234	2644	2693	2892	2891	3461	{ 3461 3463	365	
2231 ¹	{ 2213 2216	2645	2691	2893	2891	3471	3468	366	366
2259	{ 2255 2259	2646	2694	3069 ¹	3099	3479		367	
2261		2651		3079 ¹	3971	3481	{ 3465 3466 3467	3652	3663
2262		2652	2671	3151	{ 3151 3152	3494		369 ¹	{ 364 369
2269		2653		3172 ¹	{ 3172 3986	3498	346	3694	3641
2284	2223	2655 ¹	2674	3269	{ 3265 3269	3511	351	379	{ 3716 3799
2352	{ 2281 2282 2283 2325	264	{ 264 265	3271	{ 3271 3272	3519	3532	3821	3821
		275	{ 275 276	3275	3272	3533		3822	
		276	2792	331	{ 293 331	3534	3562	3931	{ 3931 3932 3933 3939
		2753	2792	339	339			3952	{ 3952 3954

¹Also see Part 1 for description of additional minor revision in definition introduced by the new SIC.

APPENDIX B.—INDUSTRY DESCRIPTIONS

This appendix presents, in tabular form, descriptions of industries for which data are published in the 1958 Census of Manufactures reports and a comparison of their 1958 and 1954 specialization and coverage ratios. These ratios are computed from data shown in Tables 5A and 5B of Volume II, Industry Statistics.

The scope and content of the 1958 Census conform to the Standard Industrial Classification (SIC) Manual, 1957 edition. The industry descriptions shown in this appendix follow the SIC manual but contain more extensive references to products classified in the industry and additional cross references to similar or related products classified in other industries. Revisions in industry definitions and code numbers from the previous classification system are also described. Although the complete SIC title is shown at the beginning of each industry description, cross references are usually in terms of Census "short" industry titles. SIC industries which have been rearranged or combined in the 1958 Census are listed by the Census code classification; the equivalent SIC industry is also included as part of the industry description.

Establishments are classified in industries on the basis of their principal activity, usually measured in terms of dollar value of products shipped (see Introduction, Section 7, Industry Classification of Establishments). While many establishments produce only products primary to the industry, most industries include some establishments which also produce secondary products (products classified as primary to other industries). The primary product specialization ratio describes the proportion of primary products shipped by the industry to total product shipments (both primary and secondary) by the industry. Miscellaneous receipts (receipts for contract work, sale of scrap, etc.) are excluded from this computation.

The coverage ratio is the proportion of primary products shipped by the industry to total shipments of these products by all manufacturing industries. Because of the diversity of manufactures, relatively few industries account for 100 percent of the manufacture of their primary products. Furthermore, an industry's coverage ratio may be reduced by the system of industry classification which distinguishes, for some industries, between different processes or degrees of integration in the manufacture of the same product.

For such industries, the coverage ratio would be significantly different if the computations were confined to shipments of the products made by similar production processes rather than by all processes. For example, although Industry 3316, Cold Rolled Sheet, Strip, and Bars, accounted for only 18 percent of the shipments by all manufacturing plants, this output represented almost 100 percent of such products made from purchased materials.

Ratios are not computed for 4-digit industries in which receipts are predominantly from services rendered rather than for products shipped since the value of such services performed for others on either a contract or commission basis was not reported separately by type of service. Nor are ratios computed for industries having significant duplication between establishments in the industry due to the consumption of certain products of the industry as materials by other establishments in the same industry. Ratios are shown, however, wherever such duplication could be approximated and eliminated from the computations.

Industries are grouped by 1958 specialization and coverage ratios in the following summary table. In 1958, as in 1954, approximately 95 percent of manufacturing employment is included in industries with specialization of 80 percent or higher.

Industry group (3-digit) specialization and coverage ratios were not calculated for 1958 but are shown for 1954 to the extent that comparability permits. Industry group ratios are based on shipments of all products which are primary to any of the 4-digit industries included in the industry group. These ratios provide a measure of overlapping production with industries in other 3-digit groups. However, it should be noted that industry group ratios are derived from figures which may include duplication arising from the transfer of products between 4-digit industries in the group as well as within certain 4-digit industries.

The following abbreviations are used:

NA	Not available
(D)	Withheld to avoid disclosing data for individual companies
SIC	Standard Industrial Classification
n.e.c.	Not elsewhere classified.

APPENDIX B.—INDUSTRY DESCRIPTIONS

FREQUENCY DISTRIBUTION OF INDUSTRIES BY 1958 SPECIALIZATION RATIO AND COVERAGE RATIO

Ratio class	Primary product specialization ratio: 1958			Coverage ratio: 1958		
	Number of industries	Employees		Number of industries	Employees	
		Number (1,000)	Percent of total		Number (1,000)	Percent of total
Total.....	¹ 414	15,165	100	² 413	14,624	100
100 percent.....	11	210	1	17	649	4
90 to 99 percent.....	239	9,383	62	195	7,348	50
80 to 89 percent.....	130	4,759	31	117	4,511	31
70 to 79 percent.....	32	807	5	43	1,181	8
60 to 69 percent.....	2	6	(³)	16	538	4
Under 60 percent.....	.....	.....	.....	25	397	3

Note: Detail may not add to totals because of rounding.

¹Excludes 12 industries with 229 thousand employees.

²Excludes 13 industries with 770 thousand employees.

³Less than 0.5 percent.

APPENDIX B.-INDUSTRY DESCRIPTIONS

B-3

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
20	FOOD AND KINDRED PRODUCTS						
	This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.						
201	Meat products.....	311.8	(NA)	(NA)	311.4	97	99
2011	<u>Meat Packing Plants</u> Establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, calves, horses, and other animals except small game, for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in Industry 2013; and establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game in Industry 2015. Some slaughtering operations are conducted in establishments which are not included in the Census of Manufactures, such as those chiefly engaged in wholesale or retail trade, locker plant services, etc. A check of the 1954 Census of Manufactures records with those of the U. S. Department of Agriculture indicated that the Census of Manufactures included about 90 percent of the volume of commercial livestock slaughter. A similar comparison of the 1958 Census slaughter statistics with those of the U.S.D.A. indicates that coverage of commercial slaughter is about at the same level.	200.8	98	88	220.2	97	89
2013	<u>Sausages and Other Prepared Meat Products</u> Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, other prepared meats, and meat specialties, from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments also are included in this industry. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game, and those canning poultry are classified in Industry 2015. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries. Prepared meats manufactured in retail and independent wholesale establishments are not included in the Census of Manufactures. The definition of this industry was slightly revised in comparison with the previous definition to exclude synthetic sausage casings, which are now classified in Industry 3079, "Miscellaneous Plastics".	48.6	97	433	45.0	98	428
2015	<u>Poultry and Small Game Dressing and Packing, Wholesale</u> Establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game for their own account or on a contract basis for the trade. This industry also includes the drying, freezing, and breaking of eggs; but not the cleaning, oil treating, packing and grading of eggs which are classified in Wholesale Trade. Poultry and small game killed and dressed at farms, hatcheries, frozen food lockers and wholesale and retail establishments are not included in manufacturing. This definition of the industry represents a revision of the previous definition. Canned poultry, formerly classified in Industry 2033, Canned Fruits and Vegetables, and liquid, dried and frozen eggs, formerly classified in Industry 2099, Other Food Preparations, are now classified in this industry.	62.4	98	98	(NA)	(NA)	(NA)
202	Dairy products.....	293.9	(NA)	(NA)	283.4	99	99
2021	<u>Creamery Butter</u> Establishments primarily engaged in manufacturing creamery butter.	17.3	70	80	21.0	74	77
2022	<u>Natural Cheese</u> Establishments primarily engaged in manufacturing all types of natural cheese except cottage cheese, and which may produce processed cheese in the same establishment. Establishments primarily engaged in manufacturing processed cheese from purchased natural cheese are classified in Industry 2025, and cottage cheese in Industry 2026. This definition of the industry represent a revision of the previous definition. Cottage cheese, formerly classified in this industry, is now classified in Industry 2026, Fluid Milk. Processed cheese and cheese spreads made in integrated cheese plants were transferred to this industry from Industry 2025, Special Dairy Products.	13.5	89	94	(NA)	(NA)	(NA)
2023	<u>Condensed and Evaporated Milk</u> Establishments primarily engaged in manufacturing condensed and evaporated milk, and related products, including ice cream mix and ice milk mix made for sale as such. This definition represents a slight revision of the previous definition. The following products, formerly part of Industry 2025, Special Dairy Products, were transferred to this industry: dry flavored milk products, malted milk powder, and dry dietary supplements.	13.4	84	69	(NA)	(NA)	(NA)
2024	<u>Ice Cream and Frozen Desserts</u> Establishments primarily engaged in manufacturing ice cream and other frozen desserts.	34.6	94	71	36.5	93	70

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
20	FOOD AND KINDRED PRODUCTS—Continued						
202	Dairy products—Continued						
2025	<u>Special Dairy Products</u> Establishments primarily engaged in manufacturing special dairy products, such as pro- cessed cheese, cheese food, and cheese spread made from purchased natural cheese. Establishments primarily engaged in manufacturing natural cheese and processed cheese from natural cheese made in the same plant are classified in Industry 2022. The net result of these changes was to confine the scope of Industry 2025 to plants primarily making processed cheese and related products from purchased cheese.	3.6	90	97	(NA)	(NA)	(NA)
2026	<u>Fluid Milk</u> Establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminiz- ing, bottling) and distributing fluid milk and cream, and related products. The definition of this industry has been revised in comparison with the previous defi- nition by merging it with old Industry 2027, Fluid Milk and Other Products. In addi- tion, the following products have been transferred into this industry: cottage cheese from Industry 2022, Natural Cheese; aerated cream, plastic cream, buttermilk and other fermented milk, and flavored milk drinks from Industry 2025, Special Dairy Products.	211.5	90	95	191.4	82	94
203	Canning and preserving fruits, vegetables, and sea foods.....	223.1	(NA)	(NA)	199.2	95	97
2031	<u>Canned and Cured Sea Foods</u> Establishments primarily engaged in cooking and canning fish, shrimps, oysters, clams, crabs, and other sea foods; and those engaged in smoking, salting, drying, or other- wise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or freezing and packaging fresh fish are classified in Industry 2036. The definition of this industry has been revised in comparison with the previous defi- nition to include smoking and curing of fish, which formerly constituted old Industry 2032, Cured Fish.	14.7	95	91	16.9	96	94
2032	<u>Canned Specialties</u> Establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups, except sea food. Establishments primarily engaged in canning sea food soup are classified in Industry 2031, and those primarily engaged in quick freezing canned specialties in Industry 2037. This is a new industry classification, the products of which were formerly classified in Industry 2033, Canned Fruits and Vegetables, except for mincemeat which was trans- ferred from Industry 2099, Food Preparations, nec.	24.2	86	83	(NA)	(NA)	(NA)
2033	<u>Canned Fruits, Vegetables, Preserves, Jams, and Jellies</u> Establishments primarily engaged in canning fruits and vegetables, and fruit and veg- etable juices; and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning sea food soups are classi- fied in Industry 2031; and soups, except sea food, and baby foods in Industry 2032. This definition represents a significant revision of the previous definition. The following products are now classified in other industries: canned specialties such as soups and spaghetti in Industry 2032; fruit drinks and ades in Industry 2086, Soft Drinks; canned poultry in Industry 2015, Poultry Dressing Plants. On the other hand, tomato sauces, catsup, and chili sauce were classified into this industry from old In- dustry 2035, Pickles and Sauces.	100.1	89	92	(NA)	(NA)	(NA)
2034	<u>Dried and Dehydrated Fruits and Vegetables</u> Establishments primarily engaged in sun drying or artificially dehydrating fruits, veg- etables, and nuts, or in manufacturing packaged soup mixes from dehydrated ingredi- ents. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in trade industries.	7.6	97	93	7.0	95	97
2035	<u>Pickles Fruits and Vegetables; Vegetable Sauces and Seasonings; Salad Dressings</u> Establishments primarily engaged in pickling and brining fruits and vegetables, and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establish- ments primarily engaged in manufacturing catsup and similar tomato sauces are classi- fied in Industry 2033, and those packing purchased pickles and olives in trade indus- tries. This definition of the industry represents a slight revision of the previous defini- tion. Tomato sauce, catsup, and chili sauce, formerly classified in this industry, have been transferred to Industry 2033, Canned Fruits and Vegetables.	19.5	81	82	(NA)	(NA)	(NA)
2036	<u>Fresh or Frozen Packaged Fish</u> Establishments primarily engaged in preparing fresh, and raw or cooked frozen packaged fish and other sea food. This industry also includes establishments primarily en- gaged in the shucking and packing of fresh oysters in nonsealed containers.	17.5	93	96	12.2	94	95

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-5

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
20	FOOD AND KINDRED PRODUCTS—Continued						
203	Canning and preserving fruits, vegetables, and sea foods—Continued						
2037	Frozen Fruits, Fruit Juices, Vegetables and Specialties..... Establishments primarily engaged in quick freezing and cold packing (freezing) fruits, fruit juices, vegetables, and specialties. Excluded from this industry are establishments primarily engaged in packing fruits and vegetables for freezing but not freezing the product; cold storage warehouses freezing foods for others, frozen food locker and other establishments freezing for individual consumers or farms and ranches producing frozen fruits and vegetables. Establishments primarily freezing meats and poultry are included in Industry Group 201, Meat Products. This definition represents a significant revision of the previous definition. Frozen and packaged prepared foods such as frozen fruit pies, meat pies, baked goods, complete dinners, etc. were classified into this industry from Industry 2099, Food Preparations, n.e.c.	39.5	88	91	(NA)	(NA)	(NA)
204	Grain mill products..... Establishments in this group of industries frequently supplement their manufacturing activities with sales of grain and of commodities produced elsewhere. Such establishments were classified in manufacturing if at least 25 percent of their total receipts were from manufacturing activities, except for Industry 2042, Prepared Feeds for Animals and Fowls, where it was required that receipts from manufacturing exceed receipts from merchandising. Most establishments which mixed some feed but did not meet these criteria were included in the 1958 Census of Business, except for some whose principal activity (e.g. custom milling) fell outside the scope of any of the 1958 economic censuses.	119.1	(NA)	(NA)	123.5	(NA)	(NA)
2041	Flour and Other Grain Mill Products..... This industry comprises establishments primarily engaged in milling flour or meal from grain, except rice (Industry 2044). The products of flour mills may be sold plain or in the form of prepared mixes for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes from purchased ingredients are classified in Industry 2045.	28.2	93	85	29.0	94	84
2042	Prepared Feeds for Animals and Fowls..... This industry comprises establishments primarily engaged in manufacturing prepared feeds for animals and fowls. Prepared feeds include poultry feed, livestock feed, dog food and other pet foods (canned, frozen, and dry). This industry also includes establishments primarily engaged in manufacturing certain feed ingredients and adjuncts, such as alfalfa meal, feed supplements, and feed concentrates. Mills primarily engaged in custom grinding of feeds or other agricultural services are excluded from the Census of Manufactures. Substantial quantities of prepared feeds are mixed at locations which are not included in the Census of Manufactures, such as grain elevators, custom or grist mills, farm supply stores, chick hatcheries, commercial broiler raising establishments, and cattle-feeding operations.	57.3	97	91	59.9	95	90
2043	Cereal Preparations..... This industry comprises establishments primarily engaged in manufacturing cereal breakfast foods and related preparations. Establishments primarily engaged in manufacturing hominy grits for human consumption are classified in Industry 2041, Flour and Other Grain Mill Products.	10.9	80	82	11.5	77	80
2044	Rice Milling..... This industry comprises establishments primarily engaged in cleaning and polishing rice, and in manufacturing rice flour or meal. Important products of this industry include brown rice, milled rice (including polished rice), rice polish, rice bran, and rice flour.	3.8	100	100	4.0	99	100
2045	Blended and Prepared Flour..... This industry comprises establishments primarily engaged in the preparation of blended flours and flour mixes from purchased flour (including flour transferred from flour mills owned by the same company). Important products of this industry include plain blended flour, and phosphated, self-rising, and other kinds of prepared flour mixes such as biscuit, cake, doughnut, and pancake mixes. Establishments making the same products from flour milled at the same location are classified in Industry 2041, Flour and Other Grain Mill Products.	4.9	68	438	5.6	71	445
2046	Wet Corn Milling..... This industry comprises establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, sirup, oil, sugar, and by-products, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients, and those manufacturing starch base dessert powders, are classified in Industry 2099; those primarily engaged in manufacturing corn meal and grits are classified in Industry 2041, Flour and Meal. The code number of this industry was changed from 2094 to 2046. There were no changes in the definition of the industry.	13.8	91	96	13.6	91	96

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
20	FOOD AND KINDRED PRODUCTS—Continued						
205	Bakery products.....	301.3	(NA)	(NA)	291.1	99	99
2051	<u>Bread and Other Bakery Products, Except Biscuit, Crackers, and Pretzels.....</u> Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments primarily engaged in producing "dry" bakery products, such as biscuit, crackers, and pretzels are classified in Industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in Retail Trade, Industry 5462. Establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more nonbaking retail outlets, are included in Industry 2051.	257.0	98	99	246.3	98	99
2052	<u>Biscuit, Crackers, and Pretzels.....</u> Establishments primarily engaged in manufacturing biscuit (except raised biscuit), crackers, and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in Industry 2051. The definition of this industry has been revised in comparison with the previous definition to include ice cream cones and cups formerly classified in Industry 2099, Food Products, n.e.c.	44.3	97	94	44.8	97	93
206	Sugar.....	28.5	(NA)	(NA)	30.2	100	100
2061	<u>Cane Sugar, Except Refining Only.....</u> Establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugar cane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in Industry 2062.	3.0	⁵ 97	100	3.1	96	97
2062	<u>Cane Sugar Refining.....</u> Establishments primarily engaged in refining purchased raw cane sugar and sugar sirup.	15.2	100	100	16.1	100	100
2063	<u>Beet Sugar.....</u> Establishments primarily engaged in manufacturing sugar from sugar beets.	10.3	100	100	11.0	100	100
207	Confectionery and related products.....	80.0	(NA)	(NA)	80.4	97	95
2071	<u>Candy and Other Confectionery Products.....</u> Establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in Industry 2072, and chewing gum in Industry 2073. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises and those primarily engaged in shelling and roasting nuts are classified in trade industries.	66.4	96	96	66.8	96	96
2072	<u>Chocolate and Cocoa Products.....</u> Establishments primarily engaged in shelling, roasting, and grinding cocoa beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products except candy from purchased chocolate and cocoa are classified in Industry 2099, and chocolate candies in Industry 2071.	8.3	98	87	8.5	98	89
2073	<u>Chewing Gum.....</u> Establishments primarily engaged in manufacturing chewing gum or chewing gum base.	5.3	⁵ 92	96	5.2	⁵ 95	98
208	Beverages.....	206.2	(NA)	(NA)	213.4	(NA)	(NA)
2082	<u>Malt Liquors.....</u> Establishments primarily engaged in manufacturing all kinds of malt liquors. Establishments primarily engaged in bottling purchased malt liquors are classified in trade industries.	71.5	100	100	81.3	100	100
2083	<u>Malt.....</u> Establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains.	2.4	100	98	2.6	100	100
2084	<u>Wines, Brandy, and Brandy Spirits.....</u> Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy and brandy spirits, but which do not manufacture wines and brandy are classified in trade industries.	5.9	⁶ 90	⁷ 96	5.7	⁶ 90	⁷ 96
2085	<u>Distilled, Rectified, and Blended Liquors.....</u> Establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification, and in manufacturing cordials and alcoholic cocktails by blending processes, or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in Industry 2818, and those only bottling purchased liquors in trade industries.	20.5	98	100	21.5	99	100

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-7

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
20	FOOD AND KINDRED PRODUCTS—Continued						
208	Beverages—Continued						
2086	<u>Bottled and Canned Soft Drinks and Carbonated Waters</u> Establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in Industry 2033, fruit sirups for flavoring in Industry 2087, and cider in Industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in trade industries. This industry was changed to code number 2086 from code number 2081 in the previous classification system but was only slightly changed as to content. Fruit drinks and ades were transferred to this industry from Industry 2033, Canned Fruits and Vegetables.	96.3	98	98	91.6	98	99
2087	<u>Flavoring Extracts and Flavoring Sirups, n.e.c.</u> Establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit juices, n.e.c., for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in Industry 2072, and mixed or blended sweetening sirup and molasses in Industry 2099. This industry was changed to code number 2087 from code number 2095 in the previous classification system but was not changed as to content.	9.5	90	83	10.6	91	87
209	Miscellaneous food preparations and kindred products.....	135.3	(NA)	(NA)	(NA)	(NA)	(NA)
2091	<u>Cottonseed Oil Mills</u> Establishments primarily engaged in manufacturing cottonseed oil, and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in Industry 2096. This industry was changed to code number 2091 from code number 2881 in the previous classification system, but not changed as to content.	8.4	92	92	13.7	96	93
2092	<u>Soybean Oil Mills</u> Establishments primarily engaged in manufacturing soybean oil, and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in Industry 2096. This industry was changed to code number 2092 from code number 2883 in the previous classification system, but not changed in content.	8.1	87	94	6.9	88	96
2093	<u>Vegetable Oil Mills, Except Cottonseed and Soybean</u> Establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except cottonseed and soybean. Establishments primarily engaged in refining vegetable oils into edible cooking oils are classified in Industry 2096, and those refining these oils for medicinal purposes in Industry 2833. This industry comprises two industries that were separate in the previous classification system: 2882, Linseed Oil Mills, and 2884, Vegetable Oil Mills, n.e.c.	2.3	80	93	3.7	75	85
2094	<u>Grease and Tallow</u> Establishments primarily engaged in rendering inedible grease and tallow from animal fat, bones, and meat scraps. Establishments primarily engaged in manufacturing lard are classified in Group 201, Meat Products. This industry was changed to code number 2094 from code number 2886 under the previous classification system, but not changed in content.	12.4	93	62	11.5	88	55
2095	<u>Animal and Marine Fats and Oils, Except Grease and Tallow</u> Establishments primarily engaged in manufacturing animal oil, n.e.c., including fish oil and other marine animal oils, and byproduct meal. Establishments primarily engaged in refining marine animal oils for medicinal purposes are classified in Industry 2833. Establishments primarily engaged in manufacturing fatty acids are classified in Industry 2894. This industry was changed to code number 2095 from code number 2889 under the previous classification system, but not changed as to content.	2.2	95	53	2.3	89	66
2096	<u>Shortening, Table Oils, Margarine and Other Edible Fats and Oils, n.e.c.</u> Establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, n.e.c., by further processing of animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in Industry 2046. This industry combined two industries that were separate under the previous classification system: Industry 2092, Shortening and Cooking Oils and Industry 2093, Margarine.	12.5	93	90	12.0	86	83
2097	<u>Manufactured Ice</u> Establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry. Establishments primarily engaged in manufacturing dry ice are classified in Industry 2813, and the harvesting and storage of natural ice for sale in trade industries.	14.6	99	99	20.9	100	97

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
20	FOOD AND KINDRED PRODUCTS—Continued						
209	Miscellaneous food preparations and kindred products—Continued						
2098	<u>Macaroni, Spaghetti, Vermicelli, and Noodles</u> Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc. are classified in Industry 2032.	6.8	97	98	7.1	98	95
2099	<u>Food Preparations, n.e.c.</u> Establishments primarily engaged in manufacturing prepared foods and miscellaneous specialties, n.e.c., such as baking powder, yeast, and other leavening compounds, roasted coffee and coffee extracts. The definition of this industry was changed significantly compared with the previous definition. Old Industry 2091, Leavening Compounds, was merged with this industry. The following products were transferred to other industries: liquid, dried or frozen eggs to Industry 2015, Poultry Products; prepared frozen foods (complete dinners, meat pies, poultry pies, etc.) to Industry 2037, Frozen Fruits, Vegetables, and Specialties; ice cream cones and cups to Industry 2052, Biscuit, Crackers, and Pretzels; specialties such as mincemeat to Industry 2032, Canned Specialties; confectionery type solid chocolate made from purchased chocolate liquor to 2071, Confectionery.	68.0	95	95	(NA)	(NA)	(NA)
21	TOBACCO MANUFACTURES						
	This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in Major Group 28.						
211	Cigarettes.....	33.8	99	100	30.0	99	100
2111	<u>Cigarettes</u> Establishments primarily engaged in the manufacture of cigarettes.	33.8	99	100	30.0	99	100
212	Cigars.....	29.4	100	100	38.5	99	100
2121	<u>Cigars</u> Establishments primarily engaged in the manufacture of cigars.	29.4	100	100	38.5	99	100
213	Tobacco (chewing and smoking) and snuff.....	6.3	98	88	7.5	96	89
2131	<u>Tobacco (Chewing and Smoking) and Snuff</u> Establishments primarily engaged in the manufacture of chewing and smoking tobacco and snuff.	6.3	98	88	7.5	96	89
214	Tobacco stemming and redrying.....	14.9	100	100	18.8	100	99
2141	<u>Tobacco Stemming and Redrying</u> Establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco are not included in this industry. Leaf tobacco warehouses which may be engaged in stemming tobacco are not included in this industry.	14.9	100	100	18.8	100	99
22	TEXTILE MILL PRODUCTS						
	This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabrics, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, bonded-fiber fabrics, and miscellaneous textiles.						
	This classification makes no distinction between the two types of organizations which operate in the textile industry: (1) the "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other nonmanufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are classified in Group 225.						

See footnotes at end of table.

APPENDIX B.-INDUSTRY DESCRIPTIONS

B-9

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
22	TEXTILE MILL PRODUCTS--Continued						
221	Broad woven fabric mills, cotton.....	243.4	94	82	296.2	95	83
2211	<u>Broad Woven Fabric Mills, Cotton.....</u> Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in Industry 2271; those tufting carpets and rugs in Industry 2272; and those making tire cord and fabric in Industry 2296. In the 1945 edition of the Standard Industrial Classification, cotton, silk, and synthetic broad woven fabric mills were classified in Industry 2231. For Census purposes, this industry was subdivided into two parts: Cotton Broad Woven Fabric Mills, Code 2233, and Synthetic Broad Woven Fabric Mills, Code 2234. In the revised 1957 edition of the Standard Industrial Classification, Industry 2211 is directly comparable to the old Census Industry 2233. In the product coding system for the 1958 Census of Manufactures, finished cotton fabrics and certain cotton fabricated products were classified as primary to Industry 2231 when made in weaving mills. Similar products made in non-weaving establishments were classified as primary to the appropriate industry; for example, sheets made in strictly cut-and-sew plants were classified as primary to Industry 2392, Housefurnishings, n.e.c.	243.4	94	82	296.2	95	83
222	Broad woven fabric mills, man-made fiber and silk.....	81.7	85	88	90.0	87	89
2221	<u>Broad Woven Fabric Mills, Man-Made Fiber and Silk.....</u> Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of silk and man-made fibers including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in Industry 2271; those tufting carpets and rugs from these fibers in Industry 2272; and those making tire cord and fabric in Industry 2296. In the 1945 edition of the Standard Industrial Classification, cotton, silk, and synthetic broad woven fabric mills were classified in Industry 2231. For Census purposes, this industry was subdivided into two parts: Cotton Broad Woven Fabric Mills, Code 2233, and Synthetic Broad Woven Fabric Mills, Code 2234. In the revised 1957 edition of the Standard Industrial Classification, Industry 2221 is directly comparable to the old Census Industry 2234. In the product coding system for the 1958 Census of Manufactures, finished synthetic and silk fabrics and blankets were classified as primary to Industry 2221 when made in weaving mills. Similar products made in non-weaving establishments were classified as primary to the appropriate industry; for example, synthetic fabrics finished in establishments engaged only in dyeing or printing were classified as primary to Industry 2262, Finishing Plants, Synthetics.	81.7	85	88	90.0	87	89
223	Broad woven fabric mills, wool: including dyeing and finishing.....	56.0	94	96	66.7	(NA)	(NA)
2231	<u>Broad Woven Fabric Mills, Wool: Including Dyeing and Finishing.....</u> Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in Industry 2271, and those tufting wool carpets and rugs in Industry 2272. This new industry definition represents a substantial revision from the one previously used. In the 1954 Census of Manufactures, woollen and worsted weaving mills represented all of old Industry 2213; wool finishing mills were the entire old Industry 2216; and establishments shrinking and sponging wool cloth owned by others were part of old Industry 2399, Textile Products, n.e.c. These three groups of mills were combined to form the new industry 2231.	56.0	94	96	66.7	(NA)	(NA)
224	Narrow fabrics and other smallwares mills: cotton, wool, silk, and man-made fiber..	24.6	94	97	25.7	96	94
2241	<u>Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Man-Made Fiber.....</u> Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and man-made fibers, including glass fibers. Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of fabric covered elastic yarn are also included in this industry.	24.6	94	97	25.7	96	94
225	Knitting mills.....	213.3	(NA)	(NA)	221.4	(NA)	(NA)
2251	<u>Full-Fashioned Hosiery Mills.....</u> Establishments primarily engaged in knitting, dyeing, or finishing full-fashioned hosiery.	33.7	(⁸)	(⁸)	60.2	(⁸)	(⁸)
2252	<u>Seamless Hosiery Mills.....</u> Establishments primarily engaged in knitting, dyeing, or finishing seamless (circular knit) hosiery.	69.5	93	90	63.4	96	93

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
22	TEXTILE MILL PRODUCTS—Continued						
225	Knitting mills—Continued						
2253	Knit Outerwear Mills..... Establishments primarily engaged in knitting outerwear from yarn, or in manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in hand knitting outerwear for the trade are included in this industry. Establishments primarily engaged in manufacturing woven or purchased knit fabric gloves and mittens are classified in Industry 2381, and those manufacturing outerwear from purchased knit fabric in Major Group 23.	60.7	91	74	46.4	⁹ 93	⁹ 73
2254	Knit Underwear Mills..... Establishments primarily engaged in knitting underwear and nightwear from yarn, or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in Major Group 23.	27.9	88	35	31.3	88	39
2256	Knit Fabric Mills..... Establishments primarily engaged in knitting tubular or flat fabric, and in dyeing or finishing knit fabric.	18.4	94	90	16.8	94	91
2259	Knitting Mills, n.e.c..... Establishments primarily engaged in knitting gloves and other articles, n.e.c. The definition of this industry has been revised in comparison with the previous definition to include old Industry 2255, Knit Glove Mills.	3.2	91	⁴ 18	3.4	(NA)	(NA)
226	Dyeing and finishing textiles, except wool fabrics and knit goods..... Revision in Industry Classifications In the 1945 edition of the Standard Industrial Classification, plants finishing textile products, except wool and knit goods, were classified in old Industry 2261. The 1957 edition of the Standard Industrial Classification split out three separate finishing industries from old Industry 2261. In concept, the three new industries are directly comparable to the old industry.	73.2	(NA)	(NA)	79.3	86	41
2261	Finishers of Broad Woven Fabrics of Cotton..... Establishments primarily engaged in finishing purchased cotton broad woven fabrics, or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing such as preshrinking, calendering and napping. This industry also includes the shrinking and sponging of cloth for the trade, and the chemical finishing for water-repellency, fire-resistance, and mildew-proofing. Establishments primarily engaged in finishing wool broad woven fabrics are classified in Industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in Industry 2295.	49.2	85	⁴ 57	(NA)	(NA)	(NA)
2262	Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk..... Establishments primarily engaged in finishing purchased man-made fiber and silk broad woven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse); and other mechanical finishing such as preshrinking, calendering, and napping. Establishments primarily engaged in finishing wool broad woven fabrics are classified in Industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in Industry 2295.	16.2	93	⁴ 54	(NA)	(NA)	(NA)
2269	Dyeing and Finishing Textiles, n.e.c..... Establishments primarily engaged in dyeing and finishing textiles, n.e.c., such as bleaching, dyeing, printing, and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool. These establishments perform finishing operations on purchased textiles or on a commission basis.	7.8	95	⁴ 73	(NA)	(NA)	(NA)
227	Floor covering mills..... Revised Industry Definitions These new definitions are based on the process of manufacture: weaving mills are classified in New Industry 2271, tufting plants in 2272, and plants using other processes in 2279. The 1945 edition of the S.I.C. defined the industries according to the type of fiber used. Thus wool rug mills were in Old Industry 2271, and mills primarily using fibers other than wool were in Old Industry 2273. In addition, Old Industry 2271 included yarn mills which were transferred to Group 228 under the 1957 S.I.C. Group 227 also formerly included hard-surface floor coverings, which were transferred to Major Group 39.	33.7	(NA)	(NA)	(NA)	(NA)	(NA)
2271	Woven Carpets and Rugs..... Establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, chenille, and similar woven carpets and rugs; and woven automobile and aircraft floor coverings.	18.2	87	97	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-11

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
22	TEXTILE MILL PRODUCTS—Continued						
227	Floor covering mills—Continued						
2272	Tufted Carpets and Rugs..... Establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets except terry woven. Finishers of these products also are included in this industry.	11.5	94	93	(NA)	(NA)	(NA)
2279	Carpets, Rugs, and Mats, n.e.c..... Establishments primarily engaged in manufacturing rugs, carpets, art squares, floor mattings, door mats and mattings from twisted paper, grasses, reeds, coir, sisal, jute or rags. Establishments primarily engaged in manufacturing hard-surface floor coverings, except rubber and cork, are classified in Industry 3982.	4.0	78	78	(NA)	(NA)	(NA)
228	Yarn and thread mills..... Revised Industry Definitions A. Yarn Spinning Mills. In the 1954 Census of Manufactures, yarn spinning mills were classified by type of yarn and type of process used in its manufacture. Woolen and worsted system carpet yarn producers were classified in old Industry 2271, Wool Carpets, Rugs, and Carpet Yarn. Woolen and worsted yarn mills other than carpet yarn were classified in old Industry 2212, while mills spinning yarn on cotton and silk system machinery were included in old Industry 2224. In addition, old Industry 2224 included mills producing tire cord and tire cord fabric. Under the revised SIC definitions, tire cord and tire cord fabric producers are classified in new Industry 2296. All yarn spinners are classified into two industries based on the fiber spun. Wool and chiefly wool yarn producers are included in new Industry 2283, Wool Yarn Mills. Mills primarily producing spun yarn from other fibers are classified in new Industry 2281, Yarn Mills, Except Wool. The new Industry 2283, Wool Yarn Mills, differs from the old Industry 2212, which comprised establishments primarily producing yarn, except carpet yarn, on woolen and worsted equipment. B. Yarn Throwing and Winding Mills. In the 1954 Census, yarn throwing mills were classified in old Industry 2222, while establishments primarily engaged in winding, warping, and spooling yarns not spun or thrown in the same plant were included in old Industry 2299. (In a few cases, establishments winding or spooling cotton yarn were in old Industry 2224.) In the revised SIC, all yarn throwing, winding, and spooling mills are in Industry 2282, Throwing and Winding Mills.	106.9	(NA)	(NA)	(NA)	(NA)	(NA)
2281	Yarn Spinning Mills, Cotton, Man-Made Fibers, and Silk..... Establishments primarily engaged in spinning yarn wholly or chiefly by weight of cotton, man-made fiber staple, or silk staple. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in Industry 2269.	67.8	93	477	(NA)	(NA)	(NA)
2282	Yarn Throwing, Twisting, and Winding Mills, Cotton, Man-Made Fibers and Silk..... Establishments primarily engaged in throwing, twisting, winding, or spooling yarn wholly or chiefly by weight of cotton, man-made fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in Industry 2269.	11.9	95	77	(NA)	(NA)	(NA)
2283	Yarn Mills, Wool, Including Carpet and Rug Yarn..... Establishments primarily engaged in spinning, twisting, winding, or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased yarn or finishing yarn on a commission basis are classified in Industry 2231.	16.0	85	78	(NA)	(NA)	(NA)
2284	Thread Mills..... Establishments primarily engaged in manufacturing thread from natural or man-made fiber except flax (Industry 2299) and wool (Industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand knitting, and other handicraft threads. This industry was changed to code number 2284 from code number 2223 in the previous classification system but was not changed in content.	11.2	90	91	13.9	88	94
229	Miscellaneous textile goods.....	68.9	(NA)	(NA)	(NA)	(NA)	(NA)
2291	Felt Goods, Except Woven Felts and Hats..... Establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure; and those making punched felt for rugs, cushions, and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in manufacturing woven wool felts and wool haircloth are classified in Industry 2231, and those manufacturing felt hats in Group 235.	4.6	89	86	6.0	90	92

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
22	TEXTILE MILL PRODUCTS—Continued						
229	Miscellaneous textile goods—Continued						
2292	<u>Lace Goods</u> Establishments primarily engaged in manufacturing lace machine products, and those pri- marily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in Industry 2397.	6.7	98	95	7.4	99	94
2293	<u>Paddings and Upholstery Filling</u> Establishments primarily engaged in manufacturing batting, padding, wadding, and fill- ing for upholstery, pillows, quilts, and apparel from curled hair, cotton mill waste, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily en- gaged in manufacturing wood excelsior pads and wrappers are classified in Industry 2429.	7.1	92	88	9.1	91	90
2294	<u>Processed Waste and Recovered Fibers and Flock</u> Establishments primarily engaged in processing textile mill waste for spinning, pad- ding, batting, or other uses; in recovering textile fibers from clippings and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments primarily engaged in cleaning and sorting wiping rags or waste are classified in nonmanufacturing industries.	4.6	96	93	5.8	96	93
2295	<u>Artificial Leather, Oilcloth, and Other Impregnated and Coated Fabrics, Except Rubberized</u> . Establishments primarily engaged in manufacturing coated and impregnated textiles, and in the special finishing of textiles such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in Industry 3069, and those primarily engaged in dyeing and finishing textiles in Group 226.	10.2	82	80	8.5	86	82
2296	<u>Tire Cord and Fabric</u> This industry comprises establishments primarily engaged in manufacturing cord and fab- ric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses. This is a new industry classification. Under the old SIC system producers of tire cord and tire fabric were included in Industry 2221, Yarn Mills. (For Census purposes, old Industry 2221 was tabulated in two parts: Woolen and Worsted Yarn Mills, Code 2212, and Cotton System Yarn Mills, Code 2224.)	12.2	85	94	(NA)	(NA)	(NA)
2297	<u>Wool Scouring, Worsted Combing, and Tow to Top Mills</u> This industry comprises establishments primarily engaged in processing textile fibers to prepare them for spinning. Important processes included in this industry are wool scouring and carbonizing, and combing and converting top. This industry was changed to code number 2297 from code number 2211 in the previous classification system.	6.1	92	59	7.0	83	60
2298	<u>Cordage and Twine</u> Establishments primarily engaged in manufacturing rope, cable, cordage, twine, and re- lated products from abaca (Manila), sisal, henequen, hemp, cotton, paper, jute, flax, man-made fibers including glass, and other fibers.	9.6	92	93	12.3	90	89
2299	<u>Textile Goods, n.e.c.</u> Establishments primarily engaged in manufacturing linen goods, jute goods except felt, bonded fiber fabrics except felt, and other textile goods, n.e.c. Establishments pri- marily engaged in manufacturing woven felts are classified in Industry 2231, nonwoven felts in Industry 2291, and cordage and twine in Industry 2298. The definition of this industry has been revised in comparison with the previous defi- nition. Establishments primarily engaged in winding, warping, and spooling of yarn not spun or thrown in the same establishment, and processors of novelty yarn made from purchased yarn were formerly included in this industry. All yarn throwing, winding, and spool- ing mills are now classified in new Industry 2282, Throwing and Winding Mills.	7.9	84	86	(NA)	(NA)	(NA)
23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS THE MAJOR GROUP AS A WHOLE This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricated products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs. Included in the apparel industries are three types of establishments, (1) the "reg- ular" or inside factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories manufacture apparel from materials owned by others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company such as buying raw mate- rials, designing and preparing samples, arranging for the manufacture of the garments from their materials and selling of the finished apparel. Custom tailors and dressmakers not operating on a factory basis are classified in nonmanufacturing industries; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in wholesale trade as wholesalers and dealers.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-13

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued						
231	Men's, youths' and boys' suits, coats and overcoats.....	122.2	93	97	119.0	91	96
2311	<u>Men's, Youths', and Boys' Suits, Coats, and Overcoats</u> Establishments primarily engaged in manufacturing men's, youths', and boys' suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (military, policemen's, firemen's, etc.) and tailored dress and sport coats, including sport and leisure jackets, are also included in this industry. Establishments primarily engaged in manufacturing men's work and sport garments (such as lumber-jackets, ski suits, and riding garments) are classified in Group 232, Men's, Youths', and Boys' Furnishings, Work Clothing, and Allied Garments.	122.2	93	97	119.0	91	96
232	Men's, youths' and boys' furnishings, work clothing and allied garments.....	272.5	(NA)	(NA)	285.6	94	81
2321	<u>Men's, Youths', and Boys' Shirts (Except Work Shirts), Collars, and Nightwear</u> Establishments primarily engaged in manufacturing men's, youths', and boys' shirts, collars, and nightwear cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing knit outerwear sport shirts from purchased knit fabric are also classified in Industry 2321. Establishments primarily engaged in manufacturing work shirts are classified in Industry 2328, Work Clothing. Knitting mills primarily engaged in manufacturing nightwear are classified in Industry 2254, Knit Underwear Mills, and knit sport shirts in Industry 2253, Knit Outerwear Mills. Men's and boys' knit outerwear shirts made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills; men's and boys' knit nightwear made in knitting mills is included in Industry 2254, Knit Underwear Mills. The production of men's and boys' knit shirts and nightwear cut and sewed from purchased knit fabric is, however, included in Industry 2321.	103.6	90	481	108.3	91	485
2322	<u>Men's, Youths', and Boys' Underwear</u> Establishments primarily engaged in manufacturing men's, youths', and boys' underwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in Industry 2254.	12.3	89	438	9.4	88	428
2323	<u>Men's, Youths', and Boys' Neckwear</u> Establishments primarily engaged in manufacturing men's, youths', and boys' neckties, scarfs, and mufflers cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in Industry 2253.	7.7	97	98	9.5	98	92
2327	<u>Men's, Youths', and Boys' Separate Trousers</u> Establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing complete suits are classified in Industry 2311, and work pants in Industry 2328.	51.6	89	71	51.7	89	75
2328	<u>Work Clothing</u> Establishments primarily engaged in manufacturing men's and boys' work shirts, pants, and other work clothing and washable service apparel. The definition of this industry was revised in comparison with the previous definition to include men's and boys' work clothing and washable service apparel formerly classified in Industry 2329.	64.8	84	95	(NA)	(NA)	(NA)
2329	<u>Men's, Youths', and Boys' Clothing, n.e.c.</u> Establishments primarily engaged in manufacturing men's, youths', and boys' clothing, n.e.c. Establishments primarily engaged in manufacturing polo and sport shirts are classified in Industry 2321; separate trousers in Industry 2327; work clothing in Industry 2328; and leather and sheep lined garments in Industry 2386. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. Men's and boys' knit sweaters and other knit outerwear, n.e.c. made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while men's and boys' knit outerwear, n.e.c. cut and sewed from purchased knit fabric are included in Industry 2329. The definition of this industry 2329 was revised in comparison with the previous definition to exclude men's and boys' work clothing and washable service apparel, which are now included in Industry 2328, Work Clothing.	32.4	78	457	(NA)	(NA)	(NA)
233	Women's, misses' and juniors' outerwear.....	360.0	(NA)	(NA)	363.9	98	92
2331	<u>Blouses, Waists, and Shirts</u> Establishments primarily engaged in manufacturing women's, misses', and juniors' blouses, waists, and shirts from purchased woven or knit fabrics. Establishments making knit outerwear shirts from yarns knit in the same establishment are classified in Industry 2253, Knit Outerwear Mills. The definition of this industry was revised in comparison with the previous definition to include women's, misses', and juniors' knit outerwear shirts, formerly included in Industry 2339, Women's Outerwear, n.e.c.	47.5	89	478	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued						
233	Women's, misses', and juniors' outerwear—Continued						
2335	<u>Dresses</u> Establishments primarily engaged in manufacturing women's, misses', and juniors' dresses including ensemble dresses, whether sold by the price or by the dozen. Knitting mills primarily engaged in manufacturing women's, misses', and juniors' knit dresses and suits are classified in Industry 2253, Knit Outerwear Mills. This industry combines two industries which were separate in the 1945 S.I.C. These were Dresses, Unit-Priced (old S.I.C. 2333) and Dresses, Dozen-Priced (old S.I.C. 2334). In addition, women's, misses', and juniors' washable service apparel, which was previously included in the old Dresses, Dozen-Priced, Industry, is now primary to Industry 2339, Women's Outerwear, n.e.c.	184.7	97	98	197.8	(NA)	(NA)
2337	<u>Suits, Skirts, and Coats, Except Fur Coats and Raincoats</u> Establishments primarily engaged in manufacturing women's, misses', and juniors' suits, skirts, and coats except fur coats and raincoats. Establishments primarily engaged in manufacturing fur garments are classified in Industry 2371, raincoats in Industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in Industry 2253.	84.1	93	93	96.0	94	93
2339	<u>Women's, Misses', and Juniors' Outerwear, n.e.c.</u> Establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, n.e.c., cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. A detailed list of products of Industry 2339, refer to table 6A, product codes 2339211 to 2339349. Women's, misses', and juniors' knit sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while women's, misses', and juniors' knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in Industry 2339. This industry combines two industries which were separate in the 1945 S.I.C. These were Women's Neckwear and Scarfs (old S.I.C. 2338) and Women's Outerwear, n.e.c. (old S.I.C. 2339). In addition, the definition for Industry 2339, Women's Outerwear, n.e.c., was further revised to include women's, misses', and juniors' washable service apparel formerly classified in Old Industry 2334, Dresses, Dozen-Priced.	43.7	81	452	(NA)	(NA)	(NA)
234	Women's, misses', children's, and infants' undergarments.....	111.3	(NA)	(NA)	112.2	96	88
2341	<u>Women's, Misses', Children's, and Infants' Underwear and Nightwear</u> Establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in Industry 2254. The definition of this industry was revised slightly in comparison with the previous definition to include women's, misses', and juniors' lounging pajamas, formerly included in Industry 2384, Robes and Dressing Gowns. This revision, however, did not affect the industry classification of any establishment in the 1958 Census of Manufacturers.	73.5	96	483	73.4	95	485
2342	<u>Corsets and Allied Garments</u> Establishments primarily engaged in manufacturing corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in Industry 3842. The definition of this industry was revised slightly in comparison with the previous definition to exclude garter belts and surgical corsets. Garter belts are now primary to Industry 2389, Apparel, n.e.c., and surgical corsets to Industry 3842, Surgical Appliances.	37.8	96	98	38.8	96	(NA)
235	Hats, caps, and millinery.....	35.5	(NA)	(NA)	40.5	(NA)	(NA)
2351	<u>Millinery</u> Establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in Industry 2396.	17.8	99	99	20.2	99	98
2352	<u>Hats and Caps, Except Millinery</u> Establishments primarily engaged in manufacturing hats, caps, except millinery, and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in Industry 2253. This industry combines four industries which were separate in the 1945 S.I.C. These were: Fur-Felt Hats and Hat Bodies (old S.I.C. 2281); Wool-Felt Hats and Hat Bodies (old S.I.C. 2282); Straw Hats (old S.I.C. 2283); and Cloth Hats and Caps (old S.I.C. 2325).	17.7	98	98	20.3	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-15

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued						
236	Girls', children's, and infants' outerwear.....	80.8	(NA)	(NA)	77.5	94	83
2361	Dresses, Blouses, Waists, and Shirts..... Establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. Girls' and children's knit outerwear shirts made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while the production of girls' and children's knit shirts cut and sewed from purchased knit fabric is included in Industry 2361. The definition of this industry was revised slightly in comparison with the previous definition to include girls' and children's knit outerwear shirts, formerly included in Industry 2369, Children's Outerwear, n.e.c.	36.1	96	⁴ 83	32.5	(NA)	(NA)
2363	Coats and Suits..... Establishments primarily engaged in manufacturing girls', children's, and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253.	12.8	95	85	14.4	91	81
2369	Girls', Children's, and Infants' Outerwear, n.e.c..... Establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, n.e.c., cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. Girls' and children's sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while girls' and children's sweaters and knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in Industry 2369. The definition of this industry was revised slightly in comparison with the previous definition to exclude girls' and children's knit outerwear shirts. This product is now considered primary to Industry 2361, Children's Dresses.	31.9	79	⁴ 63	30.6	(NA)	(NA)
237	Fur goods.....	9.4	99	100	10.0	99	100
2371	Fur Goods..... Establishments primarily engaged in manufacturing fur coats, and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheep lined clothing are classified in Industry 2386, and those engaged in dyeing and dressing of furs in Industry 3992.	9.4	99	100	10.0	99	100
238	Miscellaneous apparel and accessories.....	60.0	(NA)	(NA)	64.3	92	86
2381	Dress and Work Gloves, Except Knit and All Leather..... Establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, cut and sewed from purchased woven or knit fabric, or these materials combined with leather. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in Industry 2259; establishments primarily engaged in manufacturing leather gloves in Industry 3151; and those manufacturing rubber gloves in Industry 3069. This industry combines two industries which were separate in the previous classification system: Industry 2381, Fabric Dress Gloves, and Industry 2382, Fabric Work Gloves.	13.9	94	⁴ 84	14.6	(¹⁰)	(NA)
2384	Robes and Dressing Gowns..... Establishments primarily engaged in manufacturing men's and women's robes and dressing gowns. The definition of this industry has been revised slightly in comparison with the previous definition to exclude women's, misses', and juniors' lounging pajamas, which are now included in Industry 2341, Women's and Children's Underwear.	10.6	93	96	11.0	93	86
2385	Raincoats and Other Waterproof Outer Garments..... Establishments primarily engaged in manufacturing raincoats from purchased rubberized fabrics and other waterproof outer garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in Industry 2328, and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishments are classified in Industry 3069.	13.2	90	90	12.9	89	81
2386	Leather and Sheep Lined Clothing..... Establishments primarily engaged in manufacturing leather and sheep lined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in Industry 3151, and fur garments in Industry 2371.	4.6	94	91	5.4	85	80
2387	Apparel Belts..... Establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material.	10.2	92	95	12.6	92	94

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued						
238	Miscellaneous apparel and accessories—Continued						
2389	<u>Apparel, n.e.c.</u> Establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, n.e.c., such as academic caps and gowns, vestments, and theatrical costumes. This industry combines three industries which were separate in previous classification system. These were: Suspenders and Garters (old Industry 2383); Handkerchiefs (old Industry 2388); and Apparel, n.e.c. (old Industry 2389). In addition, the definition was further revised to include women's and misses' garter belts which had been previously a primary product of Industry 2342, Corsets and Related Garments.	7.5	91	84	7.9	(10)	(NA)
239	Miscellaneous fabricated textile products, n.e.c. These establishments are engaged in the manufacture of fabricated textile products (other than apparel) from purchased fabrics. Textile mills producing fabricated textile products from material woven at the same establishment are classified in the appropriate weaving industry (Major Group 22). However, establishments that finish fabrics (bleach, dye, or print) and then further fabricate the fabrics into end products such as sheets are included in the appropriate 239 industry.	128.8	(NA)	(NA)	134.6	94	77
2391	<u>Curtains and Draperies</u> Establishments primarily engaged in manufacturing curtains and draperies from purchased materials.	16.4	96	92	14.0	94	89
2392	<u>Housefurnishings, Except Curtains and Draperies</u> Establishments primarily engaged in manufacturing housefurnishings from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in Industry 2391. Establishments primarily producing housefurnishings from fabrics woven at the same establishment are classified in the appropriate weaving industry, generally Industry 2211, Weaving Mills, Cotton.	36.8	88	458	36.2	91	459
2393	<u>Textile Bags</u> Establishments primarily engaged in manufacturing cotton, burlap, and other textile bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in Industry 2643.	9.1	83	85	12.1	84	85
2394	<u>Canvas Products</u> Establishments primarily engaged in manufacturing awnings, tents, and other canvas products from purchased canvas. Establishments primarily engaged in manufacturing canvas bags are classified in Industry 2393.	9.9	90	90	13.5	89	86
2397	<u>Schiffli Machine Embroideries</u> Establishments primarily engaged in manufacturing Schiffli machine embroideries.	5.7	99	97	5.7	98	99
2398	<u>Trimings and Stitching</u> This industry is a Census combination of S.I.C. Industries 2395 and 2396. The full S.I.C. definitions for these industries are:	33.0	96	98	39.4	(NA)	(NA)
2395	<u>Pleating, Decorative, and Novelty Stitching, and Tucking for the Trade</u> Establishments primarily engaged in pleating, decorative and novelty stitching, and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in Industry 2396.						
2396	<u>Apparel Findings and Related Products</u> Establishments primarily engaged in manufacturing apparel findings and trimmings. The two new S.I.C. industries defined above were considerably revised from the classification system previously used. New Industry 2395 was revised to include embroidered products other than Schiffli machine embroideries, which were formerly classified in a separate industry, old S.I.C. 2398. In addition, stamped art goods and art needlework (formerly classified in old Industry 2396) were transferred to new Industry 2395. New Industry 2396 was revised to exclude stamped art goods and art needlework as indicated above. In addition, three other industries which were separate in the old classification system were combined in new Industry 2396. These old industries are: 2284, Hatters' Fur; 2312, Suit and Coat Findings; and 2326, Hat and Cap Materials.						
2399	<u>Fabricated Textile Products, n.e.c.</u> Establishments primarily engaged in manufacturing fabricated textile products, n.e.c. The definition of this industry was changed significantly in comparison with the previous definition. Shrinking and sponging of cloth, previously classified in this industry are now classified in new Industry 2231, Weaving and Finishing Mills, Wool. Parachutes, formerly classified in old Industry 3729, Aircraft Parts and Auxiliary Equipment, n.e.c., are now included in this industry.	17.9	88	75	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.-INDUSTRY DESCRIPTIONS

B-17

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
24	LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE						
	This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture, and office and store fixtures are classified in Major Group 25; pianos, musical instruments, toys and playground equipment, and caskets and coffins in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.						
241	Logging camps and logging contractors.....	71.5	98	92	75.5	98	89
2411	<u>Logging Camps and Logging Contractors.....</u>	71.5	98	92	75.5	98	90
	Establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber but who perform no cutting operations, are classified in nonmanufacturing industries. Logging and woods operations conducted in combination with sawmills, pulp mills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in Group 242, veneer and plywood mills in Group 243, pulp mills in Major Group 26, and charcoal and wood distillation plants in Group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in nonmanufacturing industries.						
242	Sawmills and planing mills.....	278.0	(NA)	(NA)	341.4	96	81
2421	<u>Sawmills and Planing Mills, General.....</u>	245.7	92	97	(NA)	(NA)	(NA)
	Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or re-sawing cants and flitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties, and in producing tobacco hogshead stock and snow fence lath. Establishments primarily engaged in manufacturing box shooks or boxes are classified in Group 244; and sash, doors, wood molding, window and door frames, and other fabricated millwork in Industry 2431; and hardwood dimension and flooring in Industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry. The definition of the industry has been changed in comparison with the previous definition. Hardwood dimension and hardwood flooring, formerly classified in this industry, are now considered primary to Industry 2426, Hardwood Dimension and Flooring.						
2426	<u>Hardwood Dimension and Flooring Mills.....</u>	25.1	84	81	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; and other hardwood dimension, semi-fabricated or ready for assembly; and hardwood flooring. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in Industry 2431, and those manufacturing textile machinery bobbins, picker sticks, and shuttles in Industry 3552. This is a new industry classification. Previously hardwood flooring was classified in Industry 2421, Sawmills and Planing Mills, and hardwood dimension in Industry 2499, Wood Products, n.e.c.						
2429	<u>Special Product Sawmills, n.e.c.....</u>	7.2	93	60	7.3	(NA)	(NA)
	Establishments primarily engaged in manufacturing excelsior, wood shingles, and cooperage stock, and in sawing special products, n.e.c. The definition of this industry has been revised significantly in comparison with the previous definition. Three industries which were formerly separate are now combined: 2423, Shingle Mills; 2424, Cooperage Stock Mills; and 2425, Excelsior Mills. In addition, wood chips, formerly classified in Industry 2421, Sawmills and Planing Mills, are now primary to this industry.						
243	Millwork, veneer, plywood and prefabricated structural wood products.....	134.9	(NA)	(NA)	(NA)	(NA)	(NA)
2431	<u>Millwork Plants.....</u>	62.0	92	92	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry but planing mills primarily producing standard workings or patterns of lumber are classified in Industry 2421, Sawmills and Planing Mills. The definition of this industry was revised significantly in comparison with the previous definition. Wood window and door screens, formerly classified in Industry 2561, Window and Door Screens, are now considered primary to this industry.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
24	LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE—Continued						
243	Millwork, veneer, plywood and prefabricated structural wood products—Continued						
2432	<u>Veneer and Plywood Plants</u>	59.3	92	95	52.0	93	93
	Establishments primarily engaged in producing commercial veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood, including nonwood backed or faced veneer and nonwood faced plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets are classified in Industry 2443, Veneer and Plywood Containers; and wood boxes in Industries 2441, Nailed Wooden Boxes and Shook, and 2442, Wirebound Boxes and Crates.						
	The definition of this industry was revised significantly in comparison with the previous definition. Veneer mills previously classified in old Industry 2422 are now included in this industry. In addition, particle board, formerly classified in this industry, is now considered primary to Industry 2499, Wood Products, n.e.c.						
2433	<u>Prefabricated Wooden Buildings and Structural Members</u>	13.6	98	98	11.5	99	95
	Establishments primarily engaged in manufacturing prefabricated wooden buildings, sections, and panels; or in producing laminated or fabricated trusses, arches, and other structural members of lumber. Prefabrication on the site of construction is not included in this industry.						
244	Wooden containers.....	39.6	(NA)	(NA)	52.3	94	88
2441	<u>Nailed and Lock Corner Wooden Boxes and Shook</u>	20.9	88	84	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing nailed and lock corner wooden boxes, and which also may produce shook for nailed and lock corner boxes.						
	This industry was changed to code number 2441 from 2444 in the previous classification system and was significantly changed in definition. Old Industry 2443, Cigar Boxes, was merged with this industry. Veneer and plywood containers, and wirebound boxes and crates, formerly classified in this industry, were transferred, respectively, to new Industry 2443, Veneer and Plywood Containers and Industry 2442, Wirebound Boxes and Crates.						
2442	<u>Wirebound Boxes and Crates</u>	9.4	92	92	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing wirebound boxes and crates.						
	This is a new industry classification, the products of which were formerly part of old Industry 2444, Wooden Boxes.						
2443	<u>Veneer and Plywood Containers</u>	5.4	93	88	6.7	91	88
	Establishments primarily engaged in manufacturing veneer and plywood containers, except boxes. This industry includes baskets made primarily of veneer and splint for shipping and marketing fruits and vegetables.						
	This industry was changed to code number 2443 from code number 2441 in the previous classification system but was only slightly changed as to content. All products formerly classified in old Industry 2441, Fruit and Vegetable Baskets, and Veneer and plywood containers (pails, drums, tubs, etc.) formerly classified in old Industry 2444, Wooden Boxes, are now classified in this industry.						
	In addition, furniture parts and vehicle stock, formerly classified in this industry, are now considered primary to Industry 2426, Hardwood Dimension and Flooring.						
2445	<u>Cooperage</u>	3.9	95	98	3.7	97	99
	Establishments primarily engaged in manufacturing barrels, tubs, hogsheads, and other containers made of staves, except fruit and vegetable baskets (Industry 2443). Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in Industry 2421, and those manufacturing cooperage stock in Industry 2429.						
	In addition, cigar boxes formerly classified in this industry are now considered primary to Industry 2441, Nailed Wooden Boxes and Shook.						
249	Miscellaneous wood products.....	57.4	(NA)	(NA)	(NA)	(NA)	(NA)
2491	<u>Wood Preserving</u>	10.9	98	96	12.1	97	99
	Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products which they may also treat with preservatives, are not included.						
2499	<u>Wood Products, n.e.c.</u>	46.4	90	88	(NA)	(NA)	(NA)
	Establishments primarily engaged in turning and shaping wood, and manufacturing miscellaneous wood products, n.e.c., such as lasts and related products, cork products, mirror and picture frames and particle board.						
	The definition of this industry has been revised significantly in comparison with the previous definition. All products of four old industries are now classified in this industry: 2442, Rattan and Willow Ware; 2492, Lasts and Related Products; 2493, Mirror and Picture Frames; and 3982, Cork Products. This industry also includes products from several other old industries: tanks and vats, wooden, except coopered formerly classified in Industry 2431, Millwork; particle board, from the old Industry 2432, Plywood Plants; and cork floor and wall covering from the old Industry 2274, Hard Surface Floor Coverings. Completely fabricated industrial parts (vehicle stock, certain furniture parts, and other hardwood industrial parts) were transferred from this industry to Industry 2426, Hardwood Dimension and Flooring Mills.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-19

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
25	FURNITURE AND FIXTURES						
	This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in Industry 2431, and wood-working to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.						
251	Household furniture..... Establishments primarily engaged in making furniture to order of individual household consumers or primarily engaged in renovating furniture or mattresses are classified in nonmanufacturing industries. Establishments primarily engaged in making furniture parts (except wood frames or headboards) are not included in this group of industries but are generally classified in Major Group 24, Lumber and Wood Products or Major Group 34, Fabricated Metal Products. For example, furniture turnings are included in Industry 2499, Wood Products, n.e.c., and furniture hardware including casters are included in Industry 3429, Hardware, n.e.c.	251.4	(NA)	(NA)	243.9	96	95
2511	Wood Household Furniture, Except Upholstered..... Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes the manufacture of wood kitchen cabinets on a factory basis, and camp furniture. Establishments primarily engaged in manufacturing upholstered furniture or wood frames for upholstered furniture are classified in Industry 2512, Wood Household Furniture, Upholstered, and reed and rattan furniture in Industry 2519, Household Furniture, n.e.c. Plants primarily engaged in renovating or refinishing furniture are classified in trade industries and plants selling household furniture to household consumers through a retail store on the manufacturing premises, are included in retail trade.	125.3	94	94	124.9	94	93
2512	Wood Household Furniture, Upholstered..... Establishments primarily engaged in manufacturing upholstered furniture on wood frames or wood frames for upholstered furniture. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, convertible sofas, jackknife sofa beds, and chair-beds, are classified in Industry 2515 regardless of the materials used in the frame.	61.5	91	92	(NA)	(NA)	(NA)
2514	Metal Household Furniture..... Establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings, whether padded, upholstered, or plain. Establishments primarily engaged in manufacturing dual purpose furniture, such as studio couches, sofa beds, and chair-beds are classified in Industry 2515, Mattresses and Bedsprings, regardless of the materials used in the frame.	30.7	88	88	29.6	87	83
2515	Mattresses and Bedsprings..... Establishments primarily engaged in manufacturing innerspring mattresses, boxspring mattresses, and non-innerspring mattresses containing felt, foam rubber, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, regardless of the material used in the frame, previously classified in Industry 2512. Establishments primarily engaged in manufacturing automobile seats and backs are classified in Industry 2531; individual wire springs in Industry 3481; and padding and upholstery filling in Industry 2293. Establishments primarily engaged in repair, renovating, etc., mattresses and bedsprings are classified in service industries.	31.7	90	88	(NA)	(NA)	(NA)
2519	Household Furniture, n.e.c..... Establishments primarily engaged in manufacturing reed, rattan, and other wicker furniture, and other household furniture, not elsewhere classified.	2.2	88	68	1.3	86	59
252	Office furniture.....	23.3	(NA)	(NA)	21.7	84	87
2521	Wood Office Furniture..... Establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered or plain.	5.8	89	82	5.5	86	86
2522	Metal Office Furniture..... Establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in Industry 3492, Safes and Vaults.	17.5	88	86	16.1	84	87
253	Public building and related furniture.....	16.0	88	80	14.0	83	86
2531	Public Building and Related Furniture..... Establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in Industry 3281, Cut Stone and Stone Products; and concrete furniture in Industry 3272, Concrete Products.	16.0	88	80	14.0	83	86

See footnotes at end of table.

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
25	FURNITURE AND FIXTURES—Continued						
254	Partitions, shelving, lockers, and office and store fixtures..... Industry Group 254, Partitions and Fixtures includes: Industry 2541, Wood Parti- tions and Fixtures, which comprises those establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products; and Industry 2542, Metal Partitions and Fixtures, which comprises those establishments primarily engaged in manufac- turing metal shelving, lockers, office and store fixtures, prefabricated parti- tions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classi- fied in Industry 3585, Refrigeration Machinery; and safes and vaults in Indus- try 3492. Reportability and classification problems associated with the identification of partitions and fixtures as to wood or metal prevents showing separately detail for Industry 2541 and Industry 2542. Data for Industries 2541 and 2542 have been combined under the industry group heading 254, Partitions and Fixtures. The industries in this Industry Group as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code numbers 2541 and 2542 from code number 2541 in the previous classification system, to show separately partitions and fixtures as wood or metal, but were not changed as to content.	37.7	91	86	33.1	88	87
259	Miscellaneous furniture and fixtures, n.e.c.....	19.2	(NA)	(NA)	(NA)	(NA)	(NA)
2591	<u>Venetian Blinds and Shades</u> Establishments primarily engaged in manufacturing Venetian blinds, regardless of the materials used, and shades except canvas shades and awnings, which are classified in Industry 2394. This industry classification combines two old industries which were separate in the previous classification system: 2562, Window Shades and 2563, Venetian Blinds.	11.2	92	93	13.8	85	87
2599	<u>Furniture and Fixtures, n.e.c.</u> Establishments primarily engaged in manufacturing furniture and fixtures, n.e.c., in- cluding furniture especially designed for use in restaurants. The definition of this industry was significantly revised in comparison with the pre- vious definition to include the products of old Industry 2591, Restaurant Furniture, and Hospital Beds, formerly classified in Industry 2532, Professional Furniture (Hos- pital, Clinical, Laboratory, Etc.), Except Beauty and Barber Shop.	8.0	71	74	(NA)	(NA)	(NA)
26	PAPER AND ALLIED PRODUCTS This major group includes the manufacture of pulps from wood and other cellulose fibers, and rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classi- fied elsewhere, such as abrasive paper in Industry 3291; carbon paper in Industry 3955, and photosensitized and blueprint paper in Industry 3861.						
261	Pulp mills.....	14.2	98	73	(NA)	(NA)	(NA)
2611	<u>Pulp Mills</u> Establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, wastepaper, and straw. Logging camps operated by pulp mills, and not separately reported, are also included in this industry. Establishments pri- marily engaged in cutting pulpwood are classified in Industry 2411; and pulp mills combined with paper mills or paperboard mills, and not separately reported, are class- ified with the latter in Industries 2621 and 2631, respectively. The content of the industry has been significantly changed from the previous classi- fication system. In the 1958 Census of Manufactures, pulp mills operated in conjunc- tion with a paper and board mill at the same location were permitted to file a com- bined report for such integrated operations. However, in 1954 all pulp mill activity was separately reported whether or not such pulp mill operations were conducted at the same physical location as an associated paper or board mill. This change in treatment has the effect of restricting the reporting of a "pulp mill" for classification in In- dustry 2611 in the 1958 Census to the following situations: (a) Those pulp mills which are not affiliated with any paper and board mills and ship all their products to the market; (b) Pulp mills affiliated or associated with a primary paper or board mill but which are separately located from the pulp mill; and (c) A few pulp mills affili- ated or associated with a primary paper or board mill at the same physical location, where separate departmental records of employment, materials, and fuel costs, ship- ments, etc., are maintained for the pulp mill from those covering the paper or board mill at that location and the company elected to file such a separate report. In addition, tall oil, formerly classified in this industry, is now considered primary to Industry 2861, Gum and Wood Chemicals, and tall oil fatty acids, also formerly classified in this industry, are now considered primary to Industry 2894, Fatty Acids.	14.2	98	73	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-21

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
26	PAPER AND ALLIED PRODUCTS—Continued						
262	Paper mills, except building paper mills.....	131.3	90	95	(NA)	(NA)	(NA)
2621	<u>Paper Mills, Except Building Paper Mills.....</u> Establishments primarily engaged in manufacturing paper (except building paper—Indus- try 2661) from wood pulp and other fibers, and which may also manufacture converted paper products (confined almost exclusively to off-machine paper coating). Pulp mills combined with paper mills, and not separately reported, are also included in this in- dustry; where separately reported, they are classified in Industry 2611. Establish- ments primarily engaged in manufacturing converted paper products from purchased paper stock (including interplant transfers) are classified in Group 264 or 265. Both the code number and definition of this industry were changed from the previous classification system. Whereas in 1954 and previous censuses paper mills, except building, and paperboard mills were treated as a single industry (code 2612 in the 1945 Standard Industrial Classification Manual), establishments primarily producing paper grades, except building paper, now constitute a separate industry, with mills primarily producing paperboard being classified in new SIC Industry 2631. Also, pulp mill activities formerly reported separately for integrated mills are now reflected in the general statistics of this industry.	131.3	90	95	(NA)	(NA)	(NA)
263	Paperboard mills.....	57.1	90	90	(NA)	(NA)	(NA)
2631	<u>Paperboard Mills.....</u> Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fibers; and which may also manufacture converted paperboard products (confined almost exclusively to pasted, lined, laminated or surface-coated paperboard). Pulp mills combined with paperboard mills, and not separately reported, are also included in this industry; where sepa- rately reported, they are classified in Industry 2611. Establishments primarily en- gaged in manufacturing converted paperboard products from purchased paperboard are classified in Group 264 or 265. Both the code number and definition of this industry were changed from the previous classification system. Whereas in 1954 and previous censuses paperboard mills and paper mills, except building paper, were treated as a single industry (code 2612 in the 1945 Standard Industrial Classification Manual), establishments primarily produc- ing paperboard now constitute a separate industry, with mills primarily producing paper, except building paper, being classified in new SIC Industry 2621. Also, pulp mill activities formerly reported separately for integrated mills are now reflected in the general statistics of this industry.	57.1	90	90	(NA)	(NA)	(NA)
264	Converted paper and paperboard products, except containers and boxes.....	151.0	(NA)	(NA)	(NA)	(NA)	(NA)
2641	<u>Paper Coating and Glazing.....</u> Establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper (including interplant transfers). Establishments primarily en- gaged in coating paper on the paper machine are classified in Industry 2621; those manufacturing carbon paper in Industry 3955; and photographic and blue-print paper in Industry 3861. Principal products of this industry include: off-machine coated paper; oiled, waxed, and wax-laminated paper and wrappers; pressure sensitive tape; gummed products; and other coated and processed paper. The definition of this industry was changed in comparison with the previous definition by the inclusion of the following products formerly classified in old Industry 2699, Paper and Board Products, n.e.c.: waterproof paper, moisture proof and vapor barrier paper, and other laminations (except foil), including paper laminated to other sheet materials.	27.8	84	81	25.2	85	86
2642	<u>Envelopes.....</u> Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard (including interplant transfers). Establishments pri- marily engaged in manufacturing papeteries (boxed stationery) are classified in In- dustry 2649. This industry was changed to code number 2642 from code number 2651 in the previous classification system but was not changed as to content.	17.8	93	94	15.9	96	92
2643	<u>Bags, Except Textile Bags.....</u> Establishments primarily engaged in manufacturing bags from purchased paper, cello- phane, acetate, polyethylene, pliofilm, foil, and similar sheet or film materials (including interplant transfers). This industry was changed to code number 2643 from code number 2661 in the previous classification system but was not changed as to content.	39.0	87	89	33.3	91	88
2644	<u>Wallpaper.....</u> Establishments primarily engaged in designing, printing, and embossing paper for in- terior walls, and ceilings. Establishments primarily engaged in manufacturing wall cloth from textile fabrics are classified in Industry 2299. This industry was changed to code number 2644 from code number 2693 in the previous classification system but was not changed as to content.	2.8	93	99	3.6	99	98

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
26	PAPER AND ALLIED PRODUCTS—Continued						
264	Converted paper and paperboard products, except containers and boxes—Continued.....						
2645	<u>Die Cut Paper and Paperboard; and Cardboard.....</u> Establishments primarily engaged in die cutting purchased paper and paperboard (in- cluding interplant transfers), and in manufacturing cardboard by laminating, lining, or surface coating paperboard. This industry was changed to code number 2645 from code number 2691 in the previous classification system but was not changed as to content.	12.2	92	80	12.3	88	82
2646	<u>Pressed and Molded Pulp Goods.....</u> Establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods. This industry was changed to code number 2646 from code number 2694 in the previous classification system, but was not changed as to content.	4.5	99	96	2.9	100	93
2649	<u>Converted Paper and Paperboard Products, n.e.c.....</u> Establishments primarily engaged in manufacturing from purchased paper or paperboard (including interplant transfers) miscellaneous converted paper or paperboard products, n.e.c. The principal products of this industry are: stationery, tablets and related products; sanitary tissue health products; sanitary napkins and tampons; wrapping products such as gift wrap and creped wadding; patterns, business machine supplies, tiled and lami- nated wallboard, unprinted tags and other miscellaneous paper and board products. This industry was changed to code number 2649 from code number 2699 in the previous classification system and was significantly changed in definition. Sanitary food containers were transferred from this industry and established as a sepa- rate industry (2654). In addition, playing cards and printed tags, labels and seals, formerly classified in this industry, are now considered primary to Industries 2751 and 2752, Printing: Letterpress, and Printing: Lithographic, respectively, depending upon the primary printing process employed. Corrugated paperboard sheets (including pallets, pads, and partitions), formerly classified in this industry, are now included in Industry 2653, Corrugated Shipping Containers; and waterproofing, moisture proof, and vapor barrier paper, together with laminations of paper to other sheet materials, are now considered primary to Industry 2641, Paper Coating and Glazing.	46.9	91	92	(NA)	(NA)	(NA)
265	<u>Paperboard containers and boxes.....</u> There is a high degree of integration between Industry 2631, Paperboard Mills, and the various board converting industries, except Industries 2652 and 2655, which rely principally on market purchases of paperboard. In Industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.	181.2	(NA)	(NA)	(NA)	(NA)	(NA)
2651	<u>Folding Paperboard Boxes.....</u> Establishments primarily engaged in manufacturing folding paperboard boxes from pur- chased paperboard (including interplant transfers). This is a new industry classification the products of which were formerly classified in old Industry 2671, Paperboard Boxes.	46.4	85	90	(NA)	(NA)	(NA)
2652	<u>Set-Up Paperboard Boxes.....</u> Establishments primarily engaged in manufacturing set-up paperboard boxes from pur- chased paperboard (including interplant transfers). This is a new industry classification the products of which were formerly classified in old Industry 2671, Paperboard Boxes.	23.5	92	87	(NA)	(NA)	(NA)
2653	<u>Corrugated and Solid Fiber Boxes.....</u> Establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard of fiber stock (including interplant trans- fers). Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets. This is a new industry classification the products of which were formerly classified in old Industry 2671, Paperboard Boxes. In addition, corrugated paperboard in sheets and rolls, pallets, and other packaging accessories, formerly considered primary to Industry 2699, Paper and Board Products, n.e.c., are now included in this industry.	70.8	97	95	(NA)	(NA)	(NA)
2654	<u>Sanitary Food Containers.....</u> Establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; and pails for food and ice cream. This is a new industry classification the products of which were formerly classified in old Industry 2699, Paper and Board Products, n.e.c.	29.5	92	93	24.1	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-23

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
26	PAPER AND ALLIED PRODUCTS—Continued						
265	Paperboard containers and boxes—Continued						
2655	Fiber Cans, Tubes, Drums, and Similar Products..... Establishments primarily engaged in manufacturing fiber cans, cones, drums, and similar products with or without metal ends, from purchased materials (including interplant transfers); and vulcanized fiber boxes. This industry was changed to code number 2655 from code number 2674 in the previous classification system but was only slightly changed as to content. Vulcanized fiber boxes, formerly classified in old Industry 2671, Paperboard Boxes, are now included in this industry.	11.0	98	83	12.1	97	87
266	Building paper and building board mills.....	20.7	95	96	(NA)	(NA)	(NA)
2661	Building Paper and Building Board Mills..... Establishments primarily engaged in manufacturing building paper and building board from wood pulp and other fibrous materials. Pulp mills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611. This industry was changed to code number 2661 from code number 2613 in the previous classification system. Although the products classified in the industry remained the same, its content was changed. As noted previously in connection with Industry 2611, Pulp Mills, establishments producing pulp at the same physical location as paper or board were not required in the 1958 Census of Manufactures to submit a separate report for the pulp mill operations. This change in the reporting requirements had less effect on the general statistics of mills primarily engaged in producing building paper and board than on those producing paperboard and paper, except building paper.	20.7	95	96	(NA)	(NA)	(NA)
27	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in Service Industries, and textile printing and finishing in Major Group 22.						
271	Newspapers: publishing, publishing and printing.....	294.3	96	100	280.9	95	100
2711	Newspapers: Publishing, Publishing and Printing..... Establishments primarily engaged in publishing newspapers, or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news, and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though the commercial printing may be of major importance, such establishments are included in this industry. Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in Industry 2751, Commercial Printing: Letterpress or Industry 2752, Commercial Printing: Lithographic. News syndicates are classified in Service Industries. Establishments primarily engaged in publishing shopping news are classified in Industry 2741, Miscellaneous Publishing. Publications have been classified as periodicals (Industry 2721) rather than as newspapers if their news and editorial presentations do not appear to be directed to the public at large. Among the types of publications sometimes considered newspapers, but treated in the Census as periodicals, are the following: trade journals; house organs, local church or school papers and like publications with very limited or specialized news treatment. Generally, publications issued by non-profit organizations, (educational, religious, charitable, labor, business, professional, etc.), are classified as periodicals, as are magazine and comic supplements for Sunday newspapers.	294.3	96	100	280.9	95	100
272	Periodicals: publishing, publishing and printing.....	66.0	93	97	62.4	95	97
2721	Periodicals: Publishing, Publishing and Printing..... Establishments primarily engaged in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print periodicals for publishers, are classified in Industry 2751 or Industry 2752. Data on the periodical publishing activities of non-profit organizations (religious, educational, social, charitable, etc.) have been included to the extent that the employees of such organizations were covered under the Social Security System.	66.0	93	97	62.4	95	97

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
.27	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Continued						
273	Books.....	68.7	(NA)	(NA)	57.4	89	80
2731	<u>Books: Publishing, Publishing and Printing.....</u> Establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing, or in printing and binding (but not publishing) books and pamphlets are classified in Industry 2732. Industry 2731 also includes data on book publishing activities obtained from nonprofit organizations whose employees are covered under the Social Security System and were able to report their book publishing operations as a separate establishment.	40.1	92	90	34.7	91	90
2732	<u>Book Printing.....</u> Establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in Industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in Industry 2789. Establishments classified in Industry 2732 are similar in character to some establishments primarily engaged in commercial letterpress printing (Industry 2751) and in commercial lithography (Industry 2752). The distinction is that all the establishments classified in Industry 2732 derive the greater part of their revenue from printing books and pamphlets, while such operations are secondary activities for establishments classified in Industries 2751 and 2752.	28.6	72	60	22.7	76	55
274	Miscellaneous publishing.....	19.9	89	87	18.4	85	82
2741	<u>Miscellaneous Publishing.....</u> Establishments primarily engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services and which may publish directories as part of this service are not included in this industry but are classified in Service Industries. This industry comprises establishments primarily engaged in publishing such products as maps, atlases, sheet music, directories, almanacs, catalogs, globe covers, racing forms, and shopping news or engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in printing such products and not engaged in publishing are classified in Industry 2751, Printing: Letterpress, or Industry 2752, Printing: Lithographic, depending on the primary printing process employed. Establishments primarily engaged in publishing greeting cards are classified in Industry 2771, Greeting Cards.	19.9	89	87	18.4	85	82
275	Commercial printing.....	287.8	(NA)	(NA)	285.5	(NA)	(NA)
2751	<u>Commercial Printing, Except Lithographic.....</u> Establishments primarily engaged in commercial or job printing, except lithographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in gravure, rotogravure, and screen process printing. Establishments primarily engaged in printing books, without publishing, are classified in Industry 2732, and greeting cards in Industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in Industry 2752. The definition of this industry was revised significantly in comparison with the previous definition. Manifold business forms, formerly classified in this industry when produced by the letterpress or gravure processes, are now considered primary to Industry 2761, Manifold Business Forms, while playing cards and printed tags, formerly classified in old Industry 2699, Converted Paper and Board Products, n.e.c., and decalcomania, formerly classified in old Industry 2761, Lithographing, are now included in this industry when printed by processes other than lithographic.	189.1	84	82	(NA)	(NA)	(NA)
2752	<u>Commercial Printing, Lithographic.....</u> Establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but in some cases lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photo-lithographing are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in Industry 2732, and greeting cards in Industry 2771. This industry was changed to code number 2752 from code number 2761 in the previous classification system and was significantly changed as to content. Manifold business forms, formerly classified in this industry when produced by the lithographic process, are now considered primary to Industry 2761, Manifold Business Forms, while playing cards and printed tags, formerly classified in old Industry 2699, Converted Paper and Board Products, n.e.c., are now included in this industry when the lithographic process is employed. In addition, decalcomanias, formerly included in this industry regardless of printing process, are now considered primary to Industry 2751, Printing: Letterpress when printed by the screen, letterpress, or gravure process.	89.7	79	79	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-25

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
27	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Continued						
275	Commercial printing—Continued						
2753	<u>Engraving and Plate Printing</u> Establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates, in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in Industry 3479. Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts) are classified in Industry 2793. This industry was changed to code number 2753 from code number 2792 in the previous classification system but was not changed as to content.	9.0	92	82	7.5	93	79
276	Manifold business forms manufacturing.....	23.6	91	90	(NA)	(NA)	(NA)
2761	<u>Manifold Business Forms Manufacturing</u> Establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction. The principal types of manifold business forms are: Continuous, Unit-Set, and Salesbooks. This is a new industry classification. In the previous classification system manifold business forms (except salesbooks) were considered primary products of the commercial printing industries: Industry 2751, when processes other than lithography were employed, and Industry 2752 (formerly S.I.C. 2761) when manufactured by the lithographic process. Salesbooks were formerly classified in Industry 2782, Blankbooks and Paper Ruling.	23.6	91	90	(NA)	(NA)	(NA)
277	Greeting card manufacturing.....	21.8	94	93	21.3	93	89
2771	<u>Greeting Card Manufacturing</u> Establishments primarily engaged in designing only, manufacturing only, or designing and manufacturing greeting cards for all occasions. These products may be printed, lithographed, etched, or otherwise processed.	21.8	94	93	21.3	93	89
278	Bookbinding and related industries.....	40.0	(NA)	(NA)	37.3	(NA)	(NA)
2782	<u>Blankbooks; Loose Leaf Binders and Devices</u> Establishments primarily engaged in manufacturing blankbooks, loose leaf devices, and library binders. In the 1957 Standard Industrial Classification the product composition of this industry was significantly revised by the assignment of salesbooks (1954 product code 2782021) to new S.I.C. Industry 2761, Manifold Business Forms. This industry represents a combination of the industries shown in the previous classification system under code numbers 2782, Blankbooks and paper ruling, and 2783, Loose Leaf Binders and Devices. In addition salesbooks, formerly classified in this industry, are now considered primary to Industry 2761, Manifold Business Forms.	17.9	85	84	16.8	(NA)	(NA)
2789	<u>Bookbinding, and Miscellaneous Related Work</u> Establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging, in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in Group 273. This industry combines two old industries that were separate in the previous classification system: 2781, Bookbinding and 2789, Miscellaneous Work Related to Bookbinding.	22.2	94	86	20.5	91	87
279	Service industries for the printing trade.....	42.0	(NA)	(NA)	40.3	(NA)	(NA)
2791	<u>Typesetting</u> Establishments primarily engaged in machine and hand typesetting for the trade, and in advertising typography.	18.0	93	92	14.6	94	87
2793	<u>Photoengraving</u> Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.	17.3	95	93	17.7	95	93
2794	<u>Electrotyping and Stereotyping</u> Establishments primarily engaged in preparing electrotype and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.	6.8	92	87	8.0	89	89
2799	<u>Service Industries for the Printing Trades, n.e.c.</u> This classification was not used. Such establishments were classified in other Census industries according to principal services rendered.						

See footnotes at end of table.

APPENDIX B.-INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
28	CHEMICALS AND ALLIED PRODUCTS						
	This major group includes establishments producing basic chemicals, and establish- ments manufacturing products by predominantly chemical processes. Establishments classi- fied in this major group manufacture three general classes of products: (1) basic chemi- cals such as acids, alkalis, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives. The mining of natural rock salt is classi- fied in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in Major Group 33; silicon carbide in Major Group 32; baking powder, other leavening compounds, and starches in Major Group 20; and embalming fluids and artists' colors in Major Group 39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade indus- tries.						
281	Industrial inorganic and organic chemicals.....	238.1	(NA)	(NA)	240.5	(NA)	(NA)
2812	<u>Alkalies and Chlorine</u> Establishments primarily engaged in manufacturing sodium hydroxide (caustic soda), po- tassium hydroxide (caustic potash), soda ash, potassium carbonate, sodium bicarbonate, sal soda, and chlorine. Establishments primarily engaged in manufacturing ammonium compounds or alkali metals are classified in Industry 2819, Industrial Inorganic Chem- icals, n.e.c.; and plants primarily engaged in mining natural potassium or sodium al- kalies are classified in S.I.C. Industry 1474, Potash, Soda, and Borate Minerals.	20.5	73	84	20.4	76	84
2813	<u>Industrial Gases</u> Establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine, ammonia, and sulfur dioxide are classified in Industry 2819; and chlorine in Industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade. Natural gasoline plants engaged in the pro- duction of gases in compressed and liquefied form are classified in Mining Industries, and petroleum refineries producing these gases in Industry 2911, Petroleum Refining. This industry was changed to code number 2813 from code number 2896 but was not changed as to content.	10.6	99	85	10.4	99	84
2814	<u>Cyclic (coal tar) Crudes</u> Establishments primarily engaged in manufacturing crudes from coal tar. Such crudes include (1) light oils and light oil products; (2) coal tar acids; and (3) products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in Industry 3312, and petroleum refineries which produce such products in Industry 2911. This industry was changed to code number 2814 from code number 2821 in the previous classification system but was not changed as to content.	2.1	76	83	1.9	82	72
2815	<u>Dyes, Dye (cyclic) Intermediates, and Organic Pigments (lakes and toners)</u> Establishments primarily engaged in manufacturing cyclic organic intermediates, dyes, color lakes and toners. Important products of this industry include: (1) derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbozole and other cyclic chemical products; (2) synthetic organic dyes; and (3) synthetic organic pigments. This industry was changed to code number 2815 from 2821 in the previous classification system but was not changed as to content.	26.2	76	65	32.7	64	66
2816	<u>Inorganic Pigments</u> Establishments primarily engaged in manufacturing inorganic pigments. Important pro- ducts of this industry include black pigments (except carbon black, Industry 2895), white pigments and color pigments. Organic color pigments are classified in Industry 2815. This industry was changed to code number 2816 from code number 2852, and the content of the industry was slightly changed from the previous definition. Bone black and lamp black, formerly classified in old Industry 2895, Carbon Black; and whiting, formerly classified in old Industry 2853, Whiting and Fillers, are now con- sidered primary to this industry.	11.4	92	89	12.2	88	88

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-27

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
28	CHEMICALS AND ALLIED PRODUCTS—Continued						
281	Industrial inorganic and organic chemicals—Continued						
2818	<u>Industrial Organic Chemicals, n.e.c.</u> Establishments primarily engaged in manufacturing industrial organic chemicals, n.e.c. Important products of this industry include: (1) non-cyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gasses; and (9) esters, amines, etc. of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastic materials and nonvulcanizable elastomers are classified in Industry 2821; synthetic rubber in Industry 2822; essential oils in Industry 2899; wood distillation products, naval stores, and natural dyeing and tanning materials in Group 286; rayon and other synthetic fibers in Industries 2823 and 2824; specialty cleaning, polishing and sanitation preparations in Industry 2842; and paints and pigments in Group 285. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in Industry 2085. The code number for this industry was changed to 2818 from 2829 and its definition was revised slightly in comparison with the previous definition. Bulk surface active agents, other than sulfonated oils and fats and other than detergents (emulsifiers, penetrants, wetting agents, etc.), formerly classified in this industry, are now considered primary to Industry 2843, Surface Active Agents.	77.4	73	79	67.5	77	80
2819	<u>Industrial Inorganic Chemicals, n.e.c.</u> Establishments primarily engaged in manufacturing industrial inorganic chemicals, n.e.c. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium carbide, hydrogen peroxide, phosphates, sodium silicate, ammonia compounds and anhydrous ammonia; fertilizer materials such as muriate and sulfate of potash; rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.). The definition of this industry has been significantly revised in comparison with the previous definition. Old Industry 2811, Sulfuric Acid, has been transferred to this industry and also chemical catalytic preparations formerly classified in Industry 2899, Chemical Preparations, n.e.c.	89.9	87	80	95.3	(NA)	(NA)
282	Plastics materials and synthetic resins, synthetic rubber, synthetic and other man-made fibers, except glass.....	121.5	(NA)	(NA)	110.8	(NA)	(NA)
2821	<u>Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers</u> Establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: cellulose plastic materials; phenolic and other tar acid resins; urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins, including polyamid resins, silicones, polyisobutylenes, polyesters; vulcanized fiber; casein plastics; and regenerated cellulose. This classification does not include nonchemical manufacturers who merely purchase resin or plastics materials to produce fabricated plastics products, film, and sheets which are classified in Industry 3079. This industry was changed to code number 2821 from code number 2823 in the previous classification system but was only slightly changed as to content. Nylon monofilaments (polyamide) (bristles, sutures, leaders, etc.) formerly classified in Industry 2825, Synthetic Fibers Industry are now included in this industry.	51.0	84	471	41.1	90	475
2822	<u>Synthetic Rubber (Vulcanizable Elastomers)</u> Establishments primarily engaged in manufacturing synthetic rubber by polymerization. An elastomer for the purpose of this classification is a rubber-like material capable of vulcanization, such as copolymers of butadiene and styrene, or butadiene and acrylonitrile, polybutadienes, chloroprene rubbers, and isobutylene-isoprene copolymers. Butadiene copolymers containing less than 50% butadiene are classified in Industry 2821. Chlorinated rubber and cyclized rubbers are considered as semifinished products, and are classified in Industry 3069. This industry was changed to code number 2822 from code number 2824 in the previous classification system but was not changed as to content.	9.3	95	83	8.5	98	90

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
28	CHEMICALS AND ALLIED PRODUCTS—Continued						
282	Plastics materials and synthetic resins, synthetic rubber, synthetic and other man-made fibers, except glass—Continued						
2823	<u>Cellulosic Man-Made Fibers</u> Establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in Industry 3229. This is a new industry classification, the products of which were formerly part of old Industry 2825, Synthetic Fibers.	42.6	81	100	(NA)	(NA)	(NA)
2824	<u>Synthetic Organic Fibers, Except Cellulosic</u> Establishments primarily engaged in manufacturing synthetic organic fibers except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in Industry 3229. This is a new industry classification, the products of which were formerly part of old Industry 2825, Synthetic Fibers.	18.7	(D)	(D)	(NA)	(NA)	(NA)
283	Drugs.....	95.9	(NA)	(NA)	92.1	94	94
2831	<u>Biological Products</u> Establishments primarily engaged in the production of bacterial and virus vaccines, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use. Excluded are the activities of the American Red Cross, hospitals and other institutions which are important collectors of blood and producers of blood products.	3.7	89	41	4.0	86	65
2833	<u>Medicinal Chemicals and Botanical Products</u> Establishments primarily engaged in (1) manufacturing bulk organic and inorganic chemicals and their derivatives; and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principles such as alkaloids from botanical drugs and herbs are also included in this industry. Establishments primarily engaged in manufacturing reagent and chemically pure grades (other than United States Pharmacopoeia or National Formulary) of inorganic and organic chemicals are classified in Industries 2819, Industrial Inorganic Chemicals, n.e.c., and 2818, Industrial Organic Chemicals, n.e.c., respectively.	10.2	72	55	11.5	69	59
2834	<u>Pharmaceutical Preparations</u> Establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as ampoules, tablets, capsules, ointments, medicinal powders, solutions, and suspensions. Products of this industry consist of two important lines; namely; (1) pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions; and (2) pharmaceutical preparations promoted primarily to the public. Establishments compounding drugs and medicines and selling these "over the counter" are classified in Trade industries and thus are excluded from the Census of Manufactures.	82.0	87	94	76.6	91	94
284	Soap, detergents and cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	78.6	(NA)	(NA)	(NA)	(NA)	(NA)
2841	<u>Soap and Other Detergents, Except Specialty Cleaners</u> Establishments primarily engaged in manufacturing soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in Industry 2844; and synthetic glycerin in Industry 2818. The definition of this industry was revised significantly in comparison with the previous definition. Synthetic organic detergents, formerly classified in Industry 2842, Cleaning and Polishing Products are now classified in this industry. In addition soap or soap base shaving preparations, formerly classified in this industry, are now considered primary to Industry 2844, Toilet Preparations. However, definitional change did not affect the classification of any manufacturing establishment.	29.6	86	91	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-29

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
28	CHEMICALS AND ALLIED PRODUCTS—Continued						
284	Soap, detergents and cleaning preparations, perfumes, cosmetics, and other toilet preparations—Continued						
2842	<u>Specialty Cleaning, Polishing, and Sanitation Preparations, Except Soap and Detergents...</u> Establishments primarily engaged in manufacturing furniture, metal, and other polishes; waxes and dressings for fabricated leather and other materials; household, institutional and industrial plant disinfectants and deodorants; dry cleaning preparations; and other sanitation preparations. Such products as household insecticides and repellants, disinfectants and nonpersonal deodorants were transferred to this industry from Industry 2899, Chemical Products, n.e.c. Synthetic organic detergents were reclassified into Industry 2841, Soap and Other Detergents, and surface active agents for detergent purposes are now included in Industry 2843, Surface Active Agents.	16.4	84	80	(NA)	(NA)	(NA)
2843	<u>Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants.....</u> Establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included. The definition of this industry was revised significantly in comparison with the previous definition. Surface active agents formerly classified in old Industry 2842, Cleaning and Polishing Preparations, and old Industry 2889, Organic Chemicals, n.e.c., have been transferred to this industry.	3.1	80	45	(NA)	(NA)	(NA)
2844	<u>Perfumes, Cosmetics, and Other Toilet Preparations.....</u> Establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in Industry 2818, and essential oils in Industry 2899. This industry was changed to code number 2844 from code number 2893 in the previous classification system but was only slightly changed as to content. Shaving preparations, formerly classified in old Industry 2841, Soap and Glycerin, are now classified in this industry.	29.5	91	81	24.8	91	77
285	Paints, varnishes, lacquers, enamels, and allied products.....	58.8	(NA)	(NA)	(NA)	(NA)	(NA)
2851	<u>Paints, Varnishes, Lacquers, and Enamels.....</u> Establishments primarily engaged in manufacturing paints (in paste and ready mixed form), varnishes, lacquers, enamels, and shellac. Important products of this industry include oil and alkyd vehicle paints (in paste, semipaste, and ready mixed form); water thinned paints (in dry, paste and semipaste form); varnishes; clear and pigmented lacquers; enamels; shellac; and allied products. Establishments primarily engaged in manufacturing plastics materials are classified in Industry 2821, and artists' oil and water colors in Industry 3952.	57.0	95	97	56.6	95	97
2852	<u>Putty, Caulking Compounds, and Allied Products.....</u> Establishments primarily engaged in manufacturing putties and caulking compounds; wood fillers and sealers; paint and varnish removers; paint brush cleaners, and allied paint products. This industry was changed to code number 2852 from code number 2853 and was significantly changed in content. Paint and varnish removers and brush cleaners were transferred to this industry from old Industry 2842, Cleaning and Polishing Preparations. Whiting, formerly classified in this industry, is now primary to Industry 2816, Inorganic Pigments.	1.7	75	53	(NA)	(NA)	(NA)
286	Gum and wood chemicals.....	7.3	71	86	(NA)	(NA)	(NA)
2861	<u>Gum and Wood Chemicals.....</u> Establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, and natural tanning materials. Establishments primarily engaged in manufacturing synthetic tanning materials are classified in Industry 2818, synthetic dyes in Industry 2815, and synthetic organic chemicals in Industry 2818. This industry combines four old industries which were formerly separate: 2861, Hardwood Distillation; 2862, Softwood Distillation; 2863, Gum Naval Stores; and 2865, Tanning and Dyeing Materials. In addition, the new industry also includes tall oil and products, which were formerly classified in Industry 2611, Pulp Mills.	7.3	71	86	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
28	CHEMICALS AND ALLIED PRODUCTS—Continued						
287	Agricultural chemicals.....	38.7	(NA)	(NA)	(NA)	(NA)	(NA)
2871	Fertilizers.....	18.7	96	97	19.7	96	460
	Establishments primarily engaged in manufacturing mixed fertilizers (mixtures contain- ing nitrogen, phosphoric acid (P ₂ O ₅) or potash), from one or more fertilizer mate- rials produced in the same establishment. Sulfuric, phosphoric, and nitric acid plants operated in conjunction with fertilizer plants and separately reported are classified in Industry 2819. When separate reports are not available these acid plants are classified in this industry. Establishments engaged in manufacturing urea are classified in Industry 2818. Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than com- mon salt) are classified in Industry 1474. Establishments primarily engaged in manu- facturing mixed fertilizers from purchased fertilizer materials are classified in In- dustry 2872, Fertilizers, Mixing Only.						
2872	Fertilizers, Mixing Only.....	12.2			12.0	95	444
	Establishments primarily engaged in mixing fertilizers from purchased fertilizer mate- rials. Establishments primarily engaged in manufacturing mixed fertilizers from one or more fertilizer materials produced in the same establishment are classified in In- dustry 2871, Fertilizers.						
2873	Agricultural Pesticides, and 2879, Agricultural Chemicals, n.e.c.....	7.8	90	74	(NA)	(NA)	(NA)
	Establishments primarily engaged in the formulation and preparation of ready-to-use agricultural pest control chemicals, including insecticides, fungicides, rodenticides, and herbicides from technical chemicals and concentrates, and the manufacture and formulation of miscellaneous agricultural chemicals, n.e.c., such as minor or trace elements, soil conditioners, etc. Establishments primarily engaged in manufacturing basic or technical agricultural pest control chemicals including insecticides, fungicides, rodenticides and herbicides, such as lead and calcium arsenates, copper sulfate, DDT, BHC, 2, 4-D, carbonates, etc. are classified in Group 281. Establishments primarily engaged in the production of household pesticides are classified in Industry 2842, while establishments pri- marily engaged in manufacturing agricultural lime products are classified in Major Group 32. Both the code number and content of these industries was changed from the previous classification system. Industry 2873 was formerly Industry 2897, Insecticides and Fungicides. In addition, weed killers (herbicidal preparations) were transferred to it from old Industry 2899, Chemical Products, n.e.c. Industry 2879 was formerly part of old Industry 2899, Chemical Products, n.e.c.						
289	Miscellaneous chemical products.....	60.3	(NA)	(NA)	(NA)	(NA)	(NA)
2891	Glue and Gelatin.....	7.9	86	70	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing gelatin and industrial and household adhesives, glues, sizes, and cements from vegetable, animal, or purchased synthetic plastics materials. Establishments primarily engaged in manufacturing dessert prepa- rations based on gelatin are classified in Industry 2099; vegetable gelatin or agar- agar in Industry 2833; rubber cement in Industry 3069; and asbestos cement in Industry 3292. This industry was changed to code number 2891 from code number 2894 in the previous classification system and was significantly changed in definition by the transfer of rosin and other sizes from Industry 2899, Chemical Products, n.e.c.						
2892	Explosives.....	15.0	96	95	32.5	95	91
	Establishments primarily engaged in manufacturing explosives such as blasting powder, high explosives, safety fuses and detonators. Establishments primarily engaged in manufacturing ammunition for small arms are classified in Group 196, and fireworks and pyrotechnics such as flares (all kinds), and railroad torpedoes, in Industry 2899. Establishments primarily engaged in shooting wells and also engaged in manufacturing nitroglycerine are included in the Census of Minerals. This industry was changed to code number 2892 from code number 2826 in the previous classification system.						
2893	Printing Ink.....	8.0	93	96	7.6	90	95
	Establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink. Establishments primarily engaged in manufacturing writing and stamp pad inks are classified in Industry 2899, Chemical Preparations, n.e.c., and varnishes for printers' inks in Industry 2851, Paints and Varnishes. This industry was changed to code number 2893 from code number 2891 in the previous classification system.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-31

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
28	CHEMICALS AND ALLIED PRODUCTS—Continued						
289	Miscellaneous chemical products—Continued						
2894	<u>Fatty Acids</u> Establishments primarily engaged in manufacturing fatty acids such as stearic acid, oleic acid, fish and marine fatty acids, coconut-type fatty acids, tall oil fatty acids, and other unsaturated fatty acids fractionated from vegetable and animal oils and fats. Establishments primarily engaged in manufacturing low rosin fatty acids are classified in Industry 2861, Gum and Wood Charcoal, and synthetic organic fatty acids in Industry 2818, Organic Chemicals, n.e.c. This industry was changed to code number 2894 from code number 2887 in the previous classification system and was only slightly changed in content to include tall oil fatty acids (containing 90 percent or more free fatty acids, excluding rosin acids) formerly classified in Industry 2611, Pulp Mills, are now considered primary to this industry.	1.6	69	65	1.9	68	73
2895	<u>Carbon Black</u> Establishments primarily engaged in manufacturing carbon black (channel and furnace black). The definition of this industry was revised slightly in comparison with the previous definition. Bone black and lamp black, formerly classified in this industry, are now considered primary to Industry 2816, Inorganic Pigments.	3.2	100	100	(NA)	(NA)	(NA)
2899	<u>Chemicals and Chemical Preparations, n.e.c.</u> Establishments primarily engaged in manufacturing miscellaneous chemical preparations, n.e.c., such as essential oils, bluing, laundry soaps, writing and stamp pad inks; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, waterproofing compounds and chemical supplies for foundries. The definition of this industry was revised significantly in comparison with the previous definition. The following old industries were merged with this industry: 2892, Essential Oils; 2898, Salt; and 3985, Fireworks and Pyrotechnics. The following products formerly classified in this industry were transferred to other industries: Household insecticides and repellants, disinfectants and nonpersonal deodorants to Industry 2842, Polishes and Sanitation Goods; weed killers (herbicidal preparations) to Industry 2873, Agricultural Pesticides; animal dips, soil conditioners to Industry 2879, Agricultural Chemicals, n.e.c.; chemical catalytic preparations to Industry 2819, Inorganic Chemicals, n.e.c.; rosin and other sizes to Industry 2891, Glue and Gelatin; and refill and cartridges for ball point pens to Industry 3951, Pens and Mechanical Pencils.	24.7	88	78	(NA)	(NA)	(NA)
29	PETROLEUM REFINING AND RELATED INDUSTRIES This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and byproducts in Major Group 33.						
291	Petroleum refining.....	146.0	98	98	153.1	99	98
2911	<u>Petroleum Refining</u> Establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants and other products from crude petroleum, and its fractionation products either through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes. Establishments primarily engaged in producing natural gasoline from natural gas are classified in mining industries. Those manufacturing lubricating oils and greases by blending and compounding purchased materials are included in Industry 2992.	146.0	98	98	153.1	99	98
295	Paving and roofing materials.....	23.3	(NA)	(NA)	20.1	93	95
2951	<u>Paving Mixtures and Blocks</u> Establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks made of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Establishments primarily engaged in manufacturing brick, concrete, granite, and stone paving blocks are classified in Major Group 32.	7.8	94	85	4.4	97	94
2952	<u>Asphalt Felts and Coatings</u> Establishments primarily engaged in manufacturing asphalt and other saturated roofing felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings. Establishments primarily engaged in manufacturing paint are classified in Industry 2851.	15.5	90	92	15.7	91	94
299	Miscellaneous products of petroleum and coal.....	9.8	(NA)	(NA)	10.2	89	22
2992	<u>Lubricating Oils and Greases</u> Establishments primarily engaged in blending and compounding lubricating oils and greases from purchased mineral, animal, and vegetable materials. Petroleum refineries engaged in the production of lubricating oils and greases are classified in Industry 2911.	7.6	86	425	8.2	87	425

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
29	PETROLEUM REFINING AND RELATED INDUSTRIES—Continued						
299	Miscellaneous products of petroleum and coal—Continued						
2999	<u>Products of Petroleum and Coal, n.e.c.</u>	2.3	95	96	2.0	94	89
	Establishments primarily engaged in manufacturing fuel briquets, boulets, packaged fuel, powdered fuel, and other products of petroleum and coal, n.e.c.						
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS						
	This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments engaged in molding primary plastics for the trade, and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22; products made of elastic webbing and garments made from rubberized fabrics in Major Groups 23; synthetic rubber in Industry 2822; and plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids in Industry 2821.						
301	Tires and inner tubes.....	89.4	91	99	92.7	88	99
3011	<u>Tires and Inner Tubes</u>	89.4	91	99	92.7	88	99
	Establishments primarily engaged in manufacturing pneumatic casings, inner tubes, and solid and cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles, as well as tiring, tire repair, and tire retreading (camelback) materials. The definition of this industry has been revised slightly to include tire retreading materials (camelback), tire repair materials, tire flaps, and tiring, formerly included in Industry 3069, Fabricated Rubber Products, n.e.c.						
302	Rubber footwear.....	20.4	(D)	(D)	18.3	84	85
3021	<u>Rubber Footwear</u>	20.4	(D)	(D)	18.3	84	85
	Establishments primarily engaged in manufacturing all-rubber footwear, waterproof fabric upper footwear, and other fabric upper footwear having rubber soles vulcanized to the uppers. Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips and related shoe making and repairing materials are classified in Industry 3069.						
303	Reclaimed rubber.....	2.2	94	72	3.0	87	74
3031	<u>Reclaimed Rubber</u>	2.2	94	72	3.0	87	74
	Establishments primarily engaged in reclaiming rubber from scrap rubber tires, tubes, and miscellaneous waste rubber articles by processes which result in a devulcanized, depolymerized or regenerated, replasticized product containing added ingredients. This product is sold for use as a raw material in the manufacture of rubber goods with or without admixture with crude rubber or artificial rubber. Establishments primarily engaged in the assembly and wholesale of scrap rubber are classified in trade industries.						
306	Fabricated rubber products, n.e.c.....	119.6	86	86	132.5	88	78
3069	<u>Fabricated Rubber Products, n.e.c.</u>	119.6	86	86	132.5	88	78
	Establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics and vulcanized rubber clothing, and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and retreading tires are classified in Industry 7534. This industry was changed to code number 3069 from code number 3099 in the previous classification system but was only slightly changed as to content. Tire and retreading materials (camelback), tire repair materials, tire flaps, and tiring, formerly included in this industry are now classified in Industry 3011, Tires and Inner Tubes. In addition, factory rebuilt or retreaded tires, formerly included in this industry, are now classified in Service Industry 7534, Tire Repair Shops.						
307	Miscellaneous plastics products.....	116.3	91	85	92.0	90	84
3079	<u>Miscellaneous Plastics Products</u>	116.3	91	85	92.0	90	84
	Establishments primarily engaged in molding primary plastics for the trade, and fabricating miscellaneous finished plastics products. Establishments primarily engaged in manufacturing plastics materials in the form of sheets, rods, tubes, granules, powders, or liquids are classified in Industry 2821, and those primarily engaged in manufacturing artificial leather in Industry 2295. The code number for this industry was changed to 3079 in the previous classification system. Also, the content of the industry has been slightly changed to include synthetic sausage casings, formerly classified in Industry 2013, Sausages and Other Prepared Meat Products.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-33

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
31	LEATHER AND LEATHER PRODUCTS						
	This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.						
311	Leather tanning and finishing.....	37.1	100	100	43.5	98	100
3111	<u>Leather Tanning and Finishing</u>	37.1	100	100	43.5	98	100
	Establishments primarily engaged in tanning, currying, and finishing hides and skins into leather.						
312	Industrial leather belting and packing.....	4.0	90	92	4.6	97	92
3121	<u>Industrial Leather Belting and Packing</u>	4.0	90	92	4.6	97	92
	Establishments primarily engaged in manufacturing industrial leather products, such as transmission belting, mechanical packings, and textile leathers. Establishments primarily engaged in manufacturing leather gaskets are classified in Industry 3293; rubber belting and packing are included in Industry 3069; plastic belting and packing in Industry 3079; and metallic packing in Industry 3599.						
313	Boot and shoe cut stock and findings.....	18.0	95	95	20.1	97	96
3131	<u>Boot and Shoe Cut Stock and Findings</u>	18.0	95	95	20.1	97	96
	Establishments primarily engaged in manufacturing leather soles, inner soles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in Major Group 30.						
314	Footwear, except rubber.....	226.8	(NA)	(NA)	230.3	100	100
3141	<u>Footwear, Except House Slippers and Rubber Footwear</u>	215.3	99	99	219.4	99	99
	Establishments primarily engaged in the production of boots and shoes designed primarily for street, work, play, or sport wear. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in Industry 3021; and house slippers in Industry 3142. Footwear made by custom boot makers is covered in the Census of Business.						
3142	<u>House Slippers</u>	11.5	90	85	10.9	89	87
	Establishments manufacturing house slippers of leather or other materials, except as noted. Establishments primarily engaged in making vulcanized rubber slippers (beach and shower slippers, scuffs, etc.) are classified in Industry 3021; wooden slippers including wooden clogs are classified in Industry 2499; and paper bath slippers in Industry 2649. Textile mills producing slipper socks are classified in Industry 2252.						
315	Leather gloves and mittens.....	6.2	85	86	6.9	88	90
3151	<u>Leather Dress, Semidress, and Work Gloves</u>	6.2	85	86	6.9	88	90
	Establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in Industry 3949, Sporting and Athletic Goods, n.e.c.; knit gloves in Industry 2259, Knitting Mills, n.e.c.; and dress, semidress, and work gloves and mittens of cloth, or cloth and leather combined in Industry 2381, Fabric Dress and Work Gloves. This industry combines two industries which were separate in the previous classification system: 3151, Leather Dress Gloves and 3152, Leather Work Gloves.						
316	Luggage.....	15.9	95	95	15.9	94	(¹⁰)
3161	<u>Luggage</u>	15.9	95	95	15.9	94	(¹⁰)
	Establishments primarily engaged in manufacturing luggage of leather or other materials. Among the products included in this industry are suitcases, briefcases, trunks, hat boxes (except paper or paperboard), and camera and binocular cases. Establishments primarily engaged in manufacturing luggage hardware are classified in Industry 3429, Hardware, n.e.c. The definition of this industry was revised in comparison with the previous definition by the inclusion of musical instrument cases, formerly classified in Industry 3986, Jewelry and Instrument Cases; and the transfer of men's travel kits to Industry 3172, Small Leather Goods.						
317	Handbags and other personal leather goods.....	35.6	(NA)	(NA)	37.5	(NA)	(NA)
3171	<u>Women's Handbags and Purses</u>	22.0	96	98	22.9	97	98
	Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (Industry 3911).						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
31	LEATHER AND LEATHER PRODUCTS—Continued						
317	Handbags and other personal leather goods—Continued						
3172	Personal Leather Goods, Except Handbags and Purses..... Establishments primarily engaged in manufacturing small articles such as billfolds, keycases, and coin purses of leather or other materials, except precious metal (Industry 3911). This industry combines two industries which were separate in the 1945 S.I.C. These were Small Leather Goods (old Industry 3172) and Jewelry and Instrument Cases (old Industry 3986). In addition, its definition was further revised to: (1) exclude musical instrument cases which had formerly been classified in Industry 3986, and (2) include men's travel kits which had been previously a primary product of Industry 3161, Luggage.	13.7	91	87	14.7	(NA)	(NA)
319	Leather goods, n.e.c.....	5.4	96	84	5.9	92	85
3199	Leather Goods, n.e.c..... Establishments primarily engaged in manufacturing leather goods, n.e.c., such as saddlery, harness, and whips; embossed leather goods; leather desk sets; and razor strops. Establishments primarily engaged in manufacturing leather garments are classified in Industry 2386, Leather and Sheep Lined Clothing; leather belts in Industry 2387, Apparel Belts; leather gaskets in Industry 3293, Gaskets and Insulations; leather buffing and polishing wheels in Industry 3291, Abrasive Products; and leather costume jewelry in Industry 3961, Costume Jewelry. This industry combines two industries which were separate in the 1945 S.I.C. These were Saddlery, Harness, and Whips (old Industry 3192) and Leather Goods, n.e.c. (old Industry 3199).	5.4	96	84	5.9	92	85
32	STONE, CLAY, AND GLASS PRODUCTS						
	This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone products, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining activities are classified in mining industries; when separate reports are not available, the mining activities are classified with the manufacturing operations and classified herein.						
321	Flat glass..... Establishments primarily engaged in manufacturing flat glass and glass products not specifically classified in other industries. For example, establishments primarily engaged in manufacturing the following glass products are not included in this group of industries: complete electric light bulbs, electronic or X-ray tubes (classified in Major Group 36, Electrical Machinery and Equipment), ophthalmic goods including prescription sun glasses and eye-protective goggles (classified in Industry 3851, Ophthalmic Goods), glass fabrics classified in Industry 2221, Weaving Mills, Synthetic), glass insulation (classified in Industry 3296, Mineral Wool).	21.2	1190	(D)	24.6	1190	(D)
3211	Flat Glass..... Establishments primarily engaged in manufacturing flat glass, including plate glass, clear window glass, rolled glass, figured and wire glass, opalescent and obscured glass, spectacle glass, and cathedral and skylight glass. This industry also includes establishments that produce laminated glass from glass produced in the same establishment. Establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in Industry 3231, Glass Products Made of Purchased Glass.	21.2	1190	(D)	24.6	1190	(D)
322	Glass and glassware pressed or blown.....	92.0	(NA)	(NA)	91.3	99	99
3221	Glass Containers..... Establishments primarily engaged in manufacturing glass containers for commercial packing and bottling, and for home canning. Products of this industry may be machine-made or hand-made and include ampoules, carboys, cosmetic jars, fruit jars, medicine bottles, milk bottles, and vials.	54.9	99	99	49.4	98	99
3229	Pressed and Blown Glass and Glassware, n.e.c..... Establishments primarily engaged in manufacturing glass and glassware, n.e.c., pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in Industry 3296, Mineral Wool. Establishments primarily engaged in the production of pressed lenses for headlights, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in Industry 3831, Optical Instruments and Lenses. Establishments primarily engaged in manufacturing glass containers are classified in Industry 3221, Glass Containers, and complete electric light bulbs in Industry 3641, Electric Lamps.	37.1	98	97	41.9	98	96

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-35

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
32	STONE, CLAY, AND GLASS PRODUCTS—Continued						
323	Glass products made of purchased glass.....	24.0	98	81	21.6	97	75
3231	<u>Glass Products Made of Purchased Glass</u>	24.0	98	81	21.6	97	75
	Establishments primarily engaged in manufacturing glass products from purchased glass, including laminated or safety glass, stained, leaded, ornamented, and decorated glass; mirrors; cutware; scientific-apparatus glass; glass novelties; mosaic glass; round glass; cut, beveled, and etched glass; and glass watch crystals. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in Major Group 38, Instruments and Related Products; glass fabrics in Industry 2221, Weaving Mills, Synthetic; glass insulation in Industry 3296, Mineral Wool; glass fishing rods in Industry 3949, Sporting and Athletic Goods, n.e.c.						
324	Cement, hydraulic.....	41.1	99	100	39.8	99	100
3241	<u>Cement, Hydraulic</u>	41.1	99	100	39.8	99	100
	Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and puzzolan cements.						
325	Structural clay products.....	70.3	(NA)	(NA)	72.8	97	99
3251	<u>Brick and Structural Clay Tile</u>	31.1	96	98	32.4	96	98
	Establishments primarily engaged in manufacturing clay building brick, vitrified paving brick and hollow structural tile. Establishments primarily engaged in manufacturing clay firebrick are classified in Industry 3255, Clay Refractories; nonclay firebrick in Industry 3297, Nonclay Refractories; sand lime brick in Industry 3299, Nonmetallic Minerals, n.e.c.; and glass brick in Industry 3229, Pressed and Blown Glass, n.e.c.						
3253	<u>Ceramic Wall and Floor Tile</u>	13.1	94	99	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing ceramic tile, mosaic tile, glazed and enameled tile, including faience and other types of ceramic wall and floor tile. Establishments primarily engaged in manufacturing hollow structural tile and ceramic and salt glazed facing tile are classified in Industry 3251, Brick and Structural Tile; drain tile in Industry 3259, Structural Clay Products, n.e.c.; asphalt floor tile in Industry 3292, Asbestos Products; rubber tile in Industry 3069, Fabricated Rubber Products, n.e.c.; cork wall and floor tile in Industry 2499, Wood Products, n.e.c.; and other hard surface floor coverings in Industry 3982, Hard Surface Floor Covering. The definition of this industry was revised slightly in comparison with the previous definition. Quarry tile and promenade tile formerly classified in Industry 3259, Structural Clay Products, n.e.c., are now included in this industry.						
3255	<u>Clay Refractories</u>	12.4	93	92	14.5	92	95
	Establishments primarily engaged in manufacturing clay firebrick, crucibles, and other heat-resisting clay products such as glass-house tank blocks, stoppers, floaters, and rings. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in Industry 3297, Nonclay Refractories.						
3259	<u>Structural Clay Products, n.e.c.</u>	13.8	97	94	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing clay sewer pipe and kindred products made of clay, and structural clay products, n.e.c., such as architectural terra cotta, roofing tile, stove lining, flue lining, chimney pipes, thimbles and tops, wall coping, segment blocks, drain tile and adobe brick. Establishments primarily engaged in manufacturing concrete sewer pipe are classified in Industry 3271, Concrete Block and Brick, and cast iron sewer pipe in Industry 3321, Gray Iron Foundries. The definition of this industry was revised significantly in comparison with the previous definition. Old Industry 3254, Sewer Pipe, was merged with this industry. In addition, quarry and promenade tile formerly classified in this industry, are now considered primary to Industry 3253, Ceramic Wall and Floor Tile.						
326	Pottery and related products.....	44.2	(NA)	(NA)	50.9	98	95
3261	<u>Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories</u>	9.7	97	97	9.2	99	99
	Establishments primarily engaged in manufacturing china plumbing fixtures and china and earthenware fittings and bathroom accessories.						
3262	<u>Vitreous China Table and Kitchen Articles</u>	7.6	96	96	8.7	95	96
	Establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in Industry 3263.						
3263	<u>Earthenware (Whiteware) Table and Kitchen Articles</u>	8.6	98	90	13.3	98	92
	Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in Industry 3262.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
32	STONE, CLAY, AND GLASS PRODUCTS—Continued						
326	Pottery and related products—Continued						
3264	Porcelain Electrical Supplies..... Establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, spark plug and steatitic porcelain, and other electrical supplies from clay and other ceramic materials.	9.1	92	93	9.6	94	87
3269	Pottery Products, n.e.c..... Establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen articles, unglazed red earthenware florists' articles, and other pottery products, n.e.c. The definition of this industry was revised in comparison with the previous definition by the inclusion of old Industry 3265, China Decorating for the Trade.	9.2	92	91	10.1	95	90
327	Concrete, gypsum and plaster products.....	149.5	(NA)	(NA)	(NA)	(NA)	(NA)
3271	Concrete Brick and Block..... Establishments primarily engaged in manufacturing concrete building blocks and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready-mixed concrete in Industry 3273. Old Industry 3271 was split into two separate industries, 3271, Concrete Brick and Block and 3272, Concrete Products.	22.8	90	83	(NA)	(NA)	(NA)
3272	Concrete Products, Except Block and Brick..... Establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready-mixed concrete in Industry 3273. This is a new industry which was formerly part of old Industry 3271, Concrete Products.	46.2	94	94	(NA)	(NA)	(NA)
3273	Ready-Mixed Concrete..... Establishments primarily engaged in manufacturing Portland cement concrete manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central mixed concrete, shrink mixed concrete and transit mixed concrete. The Ready-Mixed Concrete Industry is included for the first time in the Census of Manufactures for 1958.	61.9	92	97	(NA)	(NA)	(NA)
3274	Lime..... Establishments primarily engaged in manufacturing quicklime, hydrated lime, and dead burned dolomite from limestone, dolomite shells, or other substances.	7.2	83	95	8.0	84	97
3275	Gypsum Products..... Establishments primarily engaged in manufacturing plaster, plasterboard, and other products composed wholly or chiefly of gypsum. This industry was changed to code number 3275 from code number 3272 in the previous classification system but was not changed as to content.	11.5	95	98	11.0	95	98
328	Cut stone and stone products.....	20.4	95	97	21.6	93	99
3281	Cut Stone and Stone Products..... Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.	20.4	95	97	21.6	93	99
329	Abrasive, asbestos, and miscellaneous nonmetallic mineral products.....	91.3	(NA)	(NA)	(NA)	(NA)	(NA)
3291	Abrasive Products..... Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.	24.0	83	96	22.3	94	87
3292	Asbestos Products..... Establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, except asbestos paper (Industry 2661), and other commodities composed wholly or chiefly of asbestos, except steam and other packing, pipe and boiler covering, and gaskets (Industry 3293).	21.3	89	92	22.0	87	93

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-37

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
32	STONE, CLAY, AND GLASS PRODUCTS—Continued						
329	Abrasive, asbestos, and miscellaneous nonmetallic mineral products—Continued						
3293	Steam and Other Packing, and Pipe and Boiler Covering..... Establishments primarily engaged in manufacturing packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; and insulating materials for covering boilers and pipes; and gaskets. Establishments primarily engaged in manufacturing leather packing are classified in Industry 3121, rubber packing in Industry 3069, and metal packing in Industry 3599.	13.5	87	69	12.8	86	70
3295	Minerals; Earths, Ground or Otherwise Treated..... Establishments primarily engaged in crushing, grinding, pulverizing and otherwise preparing certain earths, rocks, minerals or slag for sale for industrial uses or for further manufacture. The beneficiating of ores and the cleaning and grading of coal performed at the mine or by primary preparation plants are classified in mining industries. The definition of the industry has been slightly changed from the previous definition. Dead burned magnesia and magnesite previously classified in Industry 3297, Nonclay Refractories, are now included in this industry.	7.9	96	85	(NA)	(NA)	(NA)
3296	Mineral Wool..... Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such silicious materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in Industries 3292 and 3293; and textile glass fibers in Industry 3229. This industry was changed to code number 3296 from code number 3275 in the previous classification system and was revised in definition to include exfoliated vermiculite formerly classified in Industry 3299, Nonmetallic Minerals, n.e.c.	12.3	95	95	(NA)	(NA)	(NA)
3297	Nonclay Refractories..... Establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry also includes establishments primarily engaged in manufacturing all graphite refractories, whether of carbon bond or ceramic bond. Establishments primarily engaged in manufacturing clay refractories are classified in Industry 3255. The definition of this industry was revised slightly in comparison with the previous definition. Dead burned magnesia and magnesite formerly classified in this industry are now considered primary to Industry 3295, Minerals: Ground or Treated.	8.0	95	89	(NA)	(NA)	(NA)
3299	Nonmetallic Mineral Products, n.e.c..... Establishments primarily engaged in the factory production of statuary and art goods made of plaster of Paris and papier-mache and in manufacturing sand lime products, and other nonmetallic mineral products, n.e.c. The definition of this industry was revised slightly in comparison with the previous definition. This industry now includes products of old Industry 3298, Statuary and Art Goods. In addition, exfoliated vermiculite formerly classified in this industry is now considered primary to Industry 3296, Mineral Wool.	4.3	85	85	(NA)	(NA)	(NA)
33	PRIMARY METAL INDUSTRIES This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings, forging, and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke.						
331	Blast furnaces, steel works, and rolling and finishing mills.....	578.2	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
33	PRIMARY METAL INDUSTRIES—Continued						
331	Blast furnaces, steel works, and rolling and finishing mills—Continued						
3312	<u>Blast Furnaces (Including Coke Ovens), Steel Works and Rolling Mills</u> Establishments primarily engaged in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron and scrap steel into steel; and in hot rolling iron and steel into basic shapes such as plates, sheets, strips, rods, bars and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry. Included in this industry are all establishments engaged in the manufacture of blast furnace ferroalloys. However, establishments which manufacture ferro or nonferrous additive alloys by electrometallurgical process are classified in Industry 3313, Electrometallurgical Products. Also, establishments which draw wire from purchased rod and bar; establishments which perform only cold rolling, drawing or finishing operations; and establishments which produce welded, seamless, and heavy riveted pipe from purchased materials are not included in Industry 3312, but are included in Industry 3315, Steel Wire Drawing; Industry 3316, Cold Finishing of Steel Shapes; and Industry 3317, Steel Pipe and Tubes, respectively. Industry 3312 differs from the previous classification in three respects: (1) beehive and byproduct coke ovens which were previously classified in Industries 2931 and 2932, respectively, are now classified in this industry; (2) blast furnaces which were previously classified in Industry 3311 are now included in this industry; and (3) establishments primarily engaged in manufacturing seamless pipe were previously classified in Industry 3312 regardless of whether they produced pipe from materials produced at the establishment or from purchased materials. In the 1957 edition of the Standard Industrial Classification Manual, establishments engaged in the manufacture of seamless pipe from materials produced in the same establishment are classified in Industry 3312 but those producing seamless pipe from purchased materials are classified in Industry 3317, Steel Pipe and Tubes.	511.4	694	(12)	553.8	(NA)	(NA)
3313	<u>Electrometallurgical Products</u> Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical processes, including high percentage ferroalloys and high percentage nonferrous additive alloys. Ferroalloys and other additives produced in blast furnaces are included in Industry 3312, Blast Furnaces and Steel Mills.	12.7	91	476	11.4	92	468
3315	<u>Steel Wire Drawing and Steel Nails and Spikes</u> Establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire and which may be engaged in the further manufacture of products made from wire; and those primarily engaged in manufacturing steel nails and spikes from purchased materials. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in Industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in Group 335. This is a new industry classification, the products of which were previously included in Industry 3392, Wire Drawing; and Industry 3481, Nails and Spikes. These industries in the previous classification system also included establishments producing comparable products of nonferrous materials.	19.2	88	426	(NA)	(NA)	(NA)
3316	<u>Cold Rolled Sheet, Strip, and Bars</u> Establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets; (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars; and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are included in Industry 3312, Blast Furnaces and Steel Mills. This is a new industry classification, the products of which were previously included in Industry 3399, Primary Metal Industries, n.e.c.	10.9	95	418	10.7	(NA)	(NA)
3317	<u>Steel Pipe and Tubes</u> Establishments primarily engaged in the production of welded or seamless steel pipe and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp or steel blanks, tube rounds, or pierced billets are classified in Industry 3312, Blast Furnaces and Steel Mills. This industry differs from the previous classification in two respects: (1) the code number has been changed from 3393 to 3317; (2) establishments primarily engaged in manufacturing seamless pipe were previously classified in Industry 3312 regardless of whether they produced such pipe from materials produced at the establishment or from purchased materials. In the 1957 edition of the SIC Manual establishments engaged in the manufacture of seamless pipe from materials produced in the same establishment are classified in Industry 3312 but those producing seamless pipe from purchased materials are classified in Industry 3317.	23.9	92	440	22.1	91	430

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-39

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
33	PRIMARY METAL INDUSTRIES—Continued						
332	Iron and steel foundries..... This group includes establishments primarily engaged in manufacturing iron and steel castings. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce iron and steel castings and which are also engaged in fabricating operations such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Iron and steel castings are made to a considerable extent by establishments, classified in other industries, that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as stoves, furnaces, plumbing fixtures, motor vehicles, etc. Establishments primarily engaged in the manufacture and rolling of steel and also making steel castings are classified in Industry 3312. Establishments primarily engaged in manufacturing nonferrous castings are classified in Group 336.	182.0	(NA)	(NA)	212.4	94	90
3321	<u>Gray Iron Foundries.....</u> Establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipe and fittings. Establishments primarily engaged in manufacturing valves and fittings, except plumbers' brass goods and fittings, are classified in Industry 3494, Valves and Pipe Fittings, Except Plumbers' Brass Goods.	112.7	95	87	133.9	94	87
3322	<u>Malleable Iron Foundries.....</u> Establishments primarily engaged in manufacturing malleable iron castings.	20.2	86	90	23.4	86	89
3323	<u>Steel Foundries.....</u> Establishments primarily engaged in manufacturing steel castings.	49.1	86	86	55.1	88	87
333	Primary smelting and refining of nonferrous metals.....	47.1	(NA)	(NA)	53.5	91	94
3331	<u>Primary Smelting and Refining of Copper.....</u> Establishments primarily engaged in smelting copper from the ore, and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing or extruding copper are classified in Industry 3351.	14.6	(⁸)	(⁸)	14.7	(⁸)	(⁸)
3332	<u>Primary Smelting and Refining of Lead.....</u> Establishments primarily engaged in smelting lead from the ore and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in Industry 3356.	3.6	(⁸)	(⁸)	4.1	(⁸)	(⁸)
3333	<u>Primary Smelting and Refining of Zinc.....</u> Establishments primarily engaged in smelting zinc from the ore, and in refining zinc, by any process. Establishments primarily engaged in rolling, drawing or extruding zinc are classified in Industry 3356.	8.9	90	⁴ 76	10.5	87	(NA)
3334	<u>Primary Production of Aluminum.....</u> Establishments primarily engaged in producing aluminum from alumina, and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing or extruding aluminum are classified in Industry 3352.	17.4	100	⁴ 76	20.6	100	⁴ 78
3339	<u>Primary Smelting and Refining of Nonferrous Metals, n.e.c.....</u> Establishments primarily engaged in smelting and refining nonferrous metals, n.e.c. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in Industry 3356, and the production of bullion at the site of the mine is classified in the mining industries.	2.7	92	24	3.7	90	28
334	Secondary smelting, refining, and alloying of nonferrous metals and alloys.....	14.4	93	⁴ 30	15.2	(NA)	(NA)
3341	<u>Secondary Smelting, Refining, and Alloying of Nonferrous Metals and Alloys.....</u> Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross, but which are not engaged in further fabrication. This industry includes establishments engaged in both the recovery and alloying of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining are classified in trade industries.	14.4	93	⁴ 30	15.2	(NA)	(NA)
335	Rolling, drawing and extruding of nonferrous metals.....	160.3	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
33	PRIMARY METAL INDUSTRIES—Continued						
335	Rolling, drawing and extruding of nonferrous metals—Continued						
3351	Rolling, Drawing, and Extruding of Copper..... Establishments primarily engaged in rolling, drawing and extruding copper, brass, bronze and other copper-base alloy basic shapes such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in Industry 3341. The definition of this industry was revised. In the previous classification system, establishments engaged in the production of electrical copper and copper-base alloy wire were classified in Industry 3351 if the establishment had its own rod mill. In the 1957 S.I.C. such establishments are included in Industry 3357, Drawing and Insulating of Nonferrous Wire. Also, in the previous classification system both electrical and mechanical copper and copper-base alloy wire were considered primary to both Industry 3351 and Industry 3392, Wire Drawing. In the revised system, mechanical wire is treated as primary to Industry 3351 and electrical wire is treated as primary to Industry 3357.	40.3	88	94	41.9	95	90
3352	Rolling, Drawing and Extruding of Aluminum..... Establishments primarily engaged in rolling, drawing and extruding aluminum and aluminum-base alloy basic shapes such as plate, sheet, bar, tubing and foil. The definition of this industry was significantly changed in comparison with the previous definition. Plain aluminum foil (foil mills) which were previously included in Industry 3497, Metal Foil, are now included in Industry 3352.	46.9	91	⁴ 92	36.8	92	93
3356	Rolling, Drawing and Extruding of Nonferrous Metals, Except Copper and Aluminum..... Establishments primarily engaged in rolling, drawing and extruding nonferrous metals other than copper (Industry 3351), and aluminum (Industry 3352). The products of this industry are produced in the form of basic shapes, such as plate, sheet, strip, bar and tubing. Establishments primarily engaged in recovering nonferrous metals and alloys from scrap or dross are classified in Industry 3341; in manufacturing gold, silver, tin and other foils, except aluminum, in Industry 3497; and aluminum foil in Industry 3352. This industry was changed to code number 3356 from code number 3359 in the previous classification system but was not changed as to content.	16.6	77	⁴ 82	12.0	(NA)	(NA)
3357	Drawing and Insulating of Nonferrous Wire..... Establishments primarily engaged in drawing, drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods or wire. The definition of this industry was changed in comparison with the previous definition. In the previous classification system, establishments engaged in drawing, or drawing and insulating wire and cable of nonferrous metals were included in old Industry 3392, Wire Drawing, along with establishments drawing steel wire. Establishments insulating wire and cable from purchased wire were classified in old Industry 3631, Insulated Wire and Cable. Establishments engaged in the production of electrical copper and copper-base alloy wire were classified in old Industry 3351 if the establishment had its own wire rod mill. Under the present definition, each of the three types of establishments described above are included in this industry.	56.5	94	⁴ 84	(NA)	(NA)	(NA)
336	Nonferrous foundries..... These foundry industries comprise establishments primarily engaged in manufacturing aluminum castings, including cast aluminum cooking utensils (3361), brass, bronze, and copper castings including unmachined bearings and bushings (3362), and other nonferrous castings (3369). For these industries, captive production (that is, the tonnage of castings produced for incorporation into the final product of the plant or company) is a particularly important factor. Distinction is made between rough castings and castings which are machined or further processed and incorporated into other products. The removal of gates, risers, sprues, and tumbling, dipping, and sand blasting do not constitute machining. Plants primarily engaged in manufacturing castings are included in the foundry industries; plants primarily engaged in further processing castings into parts for metal products or machinery are classified in other major groups. For the 1958 Census of Manufactures separate establishment reports were received from all commercial (jobbing) foundries and from those captive foundries which were operated as separate establishments by the reporting companies. These two groups comprise the types of establishments included in Industries 3361, 3362, and 3369. However, where the captive foundry operation was completely integrated with the operations of the entire plant, no separate establishment report was received for the foundry activity. In these instances data were obtained on the tonnage of castings produced and consumed and on the number of employees usually engaged in the captive foundry operation. However, establishments with such foundry departments were classified on the basis of the plant's final product and accordingly, the general statistics on employment, payrolls, cost of materials, etc., are included in the data for such industries as Plumbing Fittings, Brass Goods (3432) and Valves and Pipe Fittings (3494), etc.	62.2	(NA)	(NA)	73.5	90	92

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-41

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
33	PRIMARY METAL INDUSTRIES—Continued						
336	Nonferrous foundries—Continued						
3361	<u>Aluminum Castings</u> Establishments primarily engaged in manufacturing castings and die castings of alumi- num. This is a new industry, the products of which were previously included in old Industry 3361, Nonferrous Foundries.	30.0	79	81	(NA)	(NA)	(NA)
3362	<u>Brass, Bronze, Copper, Copper-Base Alloy Castings</u> Establishments primarily engaged in manufacturing castings and die castings of copper and copper-base alloy. This is a new industry, the products of which were previously included in old Industry 3361, Nonferrous Foundries. In addition, railroad car journal bearings, formerly classified in old Industry 3361 are now considered primary to Industry 3566, Power Transmission Equipment.	14.9	85	81	(NA)	(NA)	(NA)
3369	<u>Nonferrous Castings, n.e.c.</u> Establishments primarily engaged in manufacturing castings and die castings of non- ferrous materials except aluminum, copper and copper-base alloys. This is a new industry, the products of which were previously included in old Industry 3361, Nonferrous Foundries.	17.3	78	77	(NA)	(NA)	(NA)
339	Miscellaneous primary metal industries.....	52.2	(NA)	(NA)	54.1	(NA)	(NA)
3391	<u>Iron and Steel Forgings</u> Establishments primarily engaged in manufacturing light and heavy board drop, steam hammer, upset, and press iron and steel forgings with or without the use of dies. Rolling mills engaged in the production of iron and steel forgings are classified in Industry 3312, Blast Furnaces and Steel Mills.	36.5	86	⁴ 72	39.8	88	⁴ 73
3392	<u>Nonferrous Forgings</u> Establishments primarily engaged in manufacturing, with or without the use of dies, forgings of aluminum, titanium, copper and other nonferrous metals and alloys. This is a new industry, the products of which were formerly included in old Industry 3399, Primary Metal Industries, n.e.c.	5.9	86	64	5.4	(NA)	(NA)
3399	<u>Primary Metal Industries, n.e.c.</u> Establishments primarily engaged in manufacturing ferrous and nonferrous powder, flakes and paste, nonferrous nails, brads and spikes, and other primary metal prod- ucts, n.e.c. Establishments primarily engaged in annealing and heat treating steel for the trade are also included in this industry. The definition of this industry was revised significantly in comparison with the pre- vious definition. Cold-rolling of sheet and strip and cold-finishing of steel bar were transferred to new Industry 3316, Cold-Finishing of Steel Shapes and nonferrous forgings were transferred to new Industry 3392, Nonferrous Forgings. Nonferrous nails, brads, and spikes, formerly classified in old Industry 3481, Nails and Spikes, were transferred to this industry.	9.8	98	87	9.0	(NA)	(NA)
34	FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT This major group includes establishments engaged in fabricating ferrous and non- ferrous metal products such as metal cans, tinware, hand tools, cutlery, general hard- ware, nonelectric heating apparatus, fabricated structural metal products, metal stamp- ings, and a variety of metal and wire products n.e.c. Certain important segments of the metal fabricating industries are classified in other major groups such as ordnance in Major Group 19; machinery in Major Groups 35, and 36; transportation equipment in Major Group 37; professional, scientific, and controlling instruments, watches and clocks in Major Group 38; and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.						
341	Metal cans.....	54.2	98	99	55.2	98	99
3411	<u>Metal Cans</u> Establishments primarily engaged in manufacturing metal cans from purchased tinplate, terneplate, blackplate, or enameled sheet metal. The definition of this industry was revised slightly in comparison with the previous definition. Metal fluid milk shipping and delivery containers (except crates) form- erly classified in this industry are now considered primary to Industry 3491, Metal Barrels, Drums, Kegs and Pails.	54.2	98	99	55.2	98	99

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
34	FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT—Continued						
342	Cutlery, hand tools, and general hardware.....	135.7	(NA)	(NA)	143.7	87	90
3421	<u>Cutlery</u> Establishments primarily engaged in manufacturing cutlery. Establishments primarily engaged in manufacturing table cutlery made entirely of metal are classified in Industry 3914; those manufacturing electric razors in Industry 3634; and those manufacturing hair clippers for human use in Industry 3999, and for animal use in Industry 3522. The definition of this industry was revised slightly in comparison with the previous definition. Power hedge trimmers and shears previously included in this industry are now included in Industry 3522, Farm Machines and Equipment.	11.8	93	98	15.1	88	96
3423	<u>Hand and Edge Tools, Except Machine Tools and Hand Saws</u> Establishments primarily engaged in manufacturing files and other hand and edge tools for metalworking, woodworking, and general maintenance. Establishments primarily engaged in manufacturing saws are classified in Industry 3425; and metal cutting dies and power driven hand tools, and attachments and accessories for machine tools in Major Group 35. The definition of this industry was revised significantly in comparison with the previous definition. Old Industries 3422, Edge Tools, and 3424, Files have been added to this industry. In addition, electric soldering irons previously included in old Industry 3621, Electrical Appliances, are now included in this industry.	30.3	91	85	33.4	(NA)	(NA)
3425	<u>Hand Saws and Saw Blades</u> Establishments primarily engaged in manufacturing hand saws and saw blades for hand and power driven saws. Establishments primarily engaged in manufacturing power driven sawing machines are classified in Major Group 35.	5.5	82	90	6.9	71	90
3429	<u>Hardware, n.e.c.</u> Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware" and n.e.c. Establishments primarily engaged in manufacturing bolts and nuts are classified in Industry 3452, nails and spikes in Major Group 33, cutlery in Industry 3421, hand tools in Industry 3423, and pole line and transmission hardware in Major Group 36. The definition of this industry was revised slightly in comparison with the previous definition. Pipe hangers and pipe supports previously included in this industry are now included in Industry 3494, Valves and Pipe Fittings.	88.1	89	93	88.3	86	90
343	Heating apparatus (except electric), and plumbing fixtures.....	71.8	(NA)	(NA)	(NA)	(NA)	(NA)
3431	<u>Enameled Iron and Metal Sanitary Ware</u> Establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware. Establishments primarily engaged in manufacturing vitreous and semivitreous pottery sanitary ware are classified in Industry 3261; and those manufacturing porcelain enameled kitchen, household, and hospital ware in Industry 3461. This industry includes establishments which fall into two significantly different categories, namely those producing cast iron plumbing fixtures and those producing metal fixtures of pressed metal. Accordingly, the manufacturing plants included in this industry involve different manufacturing processes depending upon the line of products produced. Those fixture plants producing cast iron fixtures include significant foundry operations while the pressed metal fixture plants are more closely allied to metal fabricating plants producing their product by forming processes (stamping, drawing, etc.). The operations of the largest establishments in this industry cover the entire production process including the casting of the fixture, through the machining, finishing, and assembly operations. In general these processes are carried on at a single manufacturing plant. However, in a few instances the foundry operations were performed at separate locations and, accordingly, those separate foundries were classified in the foundry industries (S.I.C. Industries 3321, 3322, 3323, 3361, 3362 and 3369). In the latter case the plants classified in this industry would be limited to machining and finishing operations on castings received from their associated plants. This is a new industry, the products of which were previously included in old Industry 3431, Plumbing Fixtures and Fittings. Old Industry 3431 also included plumbers' brass goods--faucets, fitting, etc., which were transferred to Industry 3432, Plumbing Fixtures, Fittings and Trim, and septic tanks which were transferred to Industry 3443, Boiler Shop Products.	12.4	84	92	(NA)	(NA)	(NA)
3432	<u>Plumbing Fixture Fittings and Trim (Brass Goods)</u> Establishments primarily engaged in manufacturing plumbing fixture fittings and trim (brass goods). Establishments primarily engaged in the manufacture of steam or water line valves are classified in Industry 3494. This is a new industry, the products of which were previously included in old Industry 3431, Plumbing Fixtures and Fittings.	14.7	91	83	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-43

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
34	FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT—Continued						
343	Heating apparatus (except electric), and plumbing fixtures—Continued						
3433	<u>Heating Equipment, Except Electric</u> Establishments primarily engaged in manufacturing heating equipment for all purposes other than power, including all gas, oil, and stoker coal fired equipment for the automatic utilization of gaseous, liquid, and solid fuels. Establishments primarily engaged in manufacturing electric stoves and ranges are classified in Industry 3631; boiler shops primarily engaged in the production of industrial, power and marine boilers in Industry 3443; and industrial process furnaces and ovens in Industry 3567. This industry was changed to code number 3433 from code number 3439 in the previous classification system and was revised significantly in definition. Mechanical stokers formerly classified in Industry 3568 are now included in Industry 3433. In addition, the following have been transferred to other industries: nonelectric commercial cooking and food warming equipment to Industry 3589, Service Industry Machines, n.e.c.; household ovens and ranges, equipment and parts, except electric, to Industry 3631, Household Cooking Equipment; and household water heaters (except electric) to Industry 3639, Household Appliances, n.e.c.	44.7	81	80	(NA)	(NA)	(NA)
344	Fabricated structural metal products.....	340.6	(NA)	(NA)	284.1	92	91
3441	<u>Fabricated Structural Steel</u> Establishments primarily engaged in manufacturing fabricated iron and steel or other metal for structural purposes, for bridges, buildings, and sections for ships, boats and barges. Establishments primarily engaged in manufacturing metal doors, sash, frames, molding and trim are classified in Industry 3442; and fabrication work done by construction contractors at the site of construction is classified in construction industries. The definition of this industry differs from the definition previously used in that architectural, ornamental, and miscellaneous metal work which was formerly included in this industry are now included in Industry 3449, Miscellaneous Metal Work.	91.3	87	91	(NA)	(NA)	(NA)
3442	<u>Metal Doors, Sash, Frames, Molding and Trim</u> Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal covered doors and sash, window and door frames and screens, molding and trim. The definition of this industry was revised significantly in comparison with the previous definition by the transfer of metal window and door screens and metal weather-strip from old Industry 2561, Window and Door Screens.	57.9	91	93	(NA)	(NA)	(NA)
3443	<u>Fabricated Plate Work (Boiler Shops)</u> Establishments primarily engaged in manufacturing power and marine boilers, pressure and nonpressure tanks, processing and storage vessels, heat exchangers, weldments and similar products by the process of cutting, forming and joining ferrous and nonferrous plates, shapes, bars, sheet, pipe mill products and tubing to custom or standard design for factory or field assembly. Establishments primarily engaged in manufacturing nonelectric heating apparatus other than power boilers are classified in Industry 3433 and household cooking apparatus in Industry 3631. The definition of this industry was revised significantly in comparison with the previous definition by the transfer of heat exchangers and steam condensers from old Industry 3569, General Industrial Machinery, n.e.c., and septic tanks from old Industry 3431, Plumbing Fixtures and Fittings.	90.6	89	83	(NA)	(NA)	(NA)
3444	<u>Sheet Metal Work</u> Establishments primarily engaged in manufacturing sheet metal work for buildings (not including fabrication work done by construction contractors at the place of construction), and manufacturing sheet-metal stovepipes, light tanks, etc. Establishments in the sheet-metal field are frequently engaged in activities which overlap the economic divisions of manufacturing, wholesale, service and construction, and some difficulty is experienced in distinguishing a sheet-metal manufacturing establishment from other sheet-metal wholesalers. Establishments performing manufacturing operations incidental to their installation or contracting business are excluded from the Census of Manufactures. Conversely, many of the plants included in Industry 3444, Sheet Metal Work, are engaged to a secondary extent in wholesaling or installing sheet-metal items.	58.8	88	82	50.2	81	80
3449	<u>Architectural and Miscellaneous Metal Work</u> Establishments primarily engaged in manufacturing architectural and miscellaneous work of ferrous and nonferrous metals, such as stairs and staircases, open steel flooring (grating), fire escapes, grilles, railings, fences and posts. This is a new industry classification, the products of which were formerly included in Industry 3441, Structural and Ornamental Work.	42.1	87	74	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry-title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
34	FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT—Continued						
345	Screw machine products and bolts, nuts, screws, rivets and washers.....	85.0	(NA)	(NA)	88.7	(NA)	(NA)
3451	<u>Screw Machine Products</u> Establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics, or other material. The products of this industry consist of a wide variety of unassembled parts and are usually manufactured on a job or order basis. Establishments primarily engaged in manufacturing standard bolts, nuts, rivets, screws, or other industrial fasteners, on headers, threaders, and nut forming machines are classified in Industry 3452, Bolts, Nuts, Washers and Rivets. Industry 3451 includes establishments producing a wide variety of items such as small machinery parts, etc., on hand operated and automatic screw machines from rod, bar and tube stock and from castings and forgings. These products are produced almost entirely on a job or order basis. Included are screw machine departments or plants of companies primarily engaged in producing finished end products where such activities could be reported separately. However, in many instances captive screw machine operations were so integrated with other activities that separate reports were not obtained and the entire establishment was classified on the basis of its primary products. This industry was changed to code number 3451 from code number 3495 in the previous classification system but was not changed in definition.	31.8	94	87	35.0	93	82
3452	<u>Bolts, Nuts, Washers, and Rivets</u> Establishments primarily engaged in manufacturing bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners. Rolling mills engaged in manufacturing similar products are classified in Major Group 33, and establishments primarily engaged in manufacturing screw machine products in Industry 3451. Plants included in Industry 3452 in general are engaged in the manufacture of bolts, nuts, screws, and rivets of standard types and sizes on heading, threading, and nut forming machines. These establishments may be also engaged in the production of special industrial fasteners which require special or added operations or the use of special tools and fixtures. These items include bolts, nuts, screws, etc., of non-standard types and sizes and special fasteners made by stamping and other forming processes. To a lesser extent these plants manufacture standard type bolts, nuts, screws, etc., on automatic and hand operated screw machines. This industry was changed to code number 3452 from code number 3494 in the previous classification system but was not changed in definition.	53.3	91	87	53.7	91	89
346	Metal stampings.....	125.6	86	87	135.5	(NA)	(NA)
3461	<u>Metal Stampings</u> Establishments primarily engaged in manufacturing metal stampings by the use of tools, dies, jigs, and fixtures to punch, draw, form, or otherwise modify materials under pressure in a machine (primarily punch and draw presses). Establishments in Industry 3461 produce both job stampings and finished end products. Job stampings are made from materials owned by the stamping establishments as well as from materials owned by the customer and processed by the stamping establishments on a contract or commission basis. These stampings are mainly parts which are sold to manufacturers for incorporation into any of a wide variety of products such as refrigerators, agricultural machinery, radio and television sets. Finished end products manufactured by establishments in this industry include cooking, kitchen, and hospital utensils (including domestic pressure cookers and porcelain enameled utensils), pails, ash cans, garbage cans, perforated metal products, metal commercial and home canning closures as well as a large variety of miscellaneous items. Industry 3461 includes the stamping departments of establishments primarily engaged in producing fabricated metal products where such stamping activities could be reported separately. However, where captive stamping operations were closely integrated with other activities, such as in the production of household appliances, farm equipment, motor vehicles, etc., separate reports were not obtained. This industry combines two industries which were separate in the previous classification system: 3461, Vitreous-Enameled Products and 3463, Metal Stampings.	125.6	86	87	135.5	(NA)	(NA)
347	Coating, engraving, and allied services.....	52.2	(NA)	(NA)	48.4	(NA)	(NA)
3471	<u>Electroplating, Plating, Polishing, Anodizing, and Coloring</u> Establishments primarily engaged in all types of electroplating, plating, anodizing, and coloring, and finishing of metals and formed products for the trade. Most of the work done in this industry is done on materials owned by others. This industry was changed to code number 3471 from code number 3468 in the previous classification system but was not changed as to content.	36.5	(¹³)	(¹³)	36.1	(¹³)	(¹³)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-45

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
34	FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT—Continued						
347	Coating, engraving, and allied services—Continued						
3479	Coating, Engraving, and Allied Services, n.e.c. Establishments primarily engaged in performing the following types of services on metals: (1) enameling, lacquering, and varnishing metal products for the trade; (2) hot dip galvanizing of mill sheets, plates and bars, castings, and formed products fabricated of iron and steel; in hot dip coating such items with aluminum, lead, or zinc; in retinning cans and utensils; (3) in engraving, chasing and etching jewelry, silverware, notarial and other seals, and other metal products for the trade and for job contracting for purposes other than printing; (4) and other metal services, n.e.c. Establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, and finishing of metals and formed products for the trade are classified in Industry 3471; and those producing porcelain enameled products in Industry 3461. Industry 3479 includes establishments engaged primarily in enameling materials owned by others. Establishments primarily engaged in manufacturing vitreous-enameled products from their own materials are included in Industry 3461. In addition, Industry 3479 covers both vitreous and other types of enameling (such as baked enameling) whereas Industry 3461 includes only vitreous-enameling establishments as well as those producing other types of metal stampings. Industry 3479 includes establishments primarily engaged in galvanizing iron and steel sheets or formed products; in coating iron sheets or formed products with aluminum, lead, or zinc; and in retinning cans and utensils. Most of the work done in this industry is done on materials owned by others. Rolling mills engaged in galvanizing, tinning, and other coating are classified in Industry 3312, Blast Furnaces and Steel Works, and establishments primarily engaged in manufacturing galvanized steel wire, from purchased metal rods or bars, are classified in Industry 3315, Steel Wire Drawing. Industry 3479 includes establishments primarily engaged in engraving, chasing, and etching jewelry, silverware, notarial seals, and other metal products for the trade, for purposes other than printing. Establishments primarily engaged in preparing metal lithographic plates and in printing from such media are classified in Industry 2752, Lithographing; establishments primarily engaged in engraving and etching steel and copper plates and in using these plates to print stationary, visiting cards, etc., are included in Industry 2753, Engraving and Plate Printing; and establishments primarily engaged in preparing photoengraved plates (halftones and line-cuts) are classified in Industry 2793, Photoengraving. This industry combines three industries which were separate in the previous classification system: 3465, Enameling and Lacquering; 3466, Galvanizing; and 3467, Engraving on Metal.	15.7	(13)	(13)	12.3	(13)	(13)
348	Miscellaneous fabricated wire products.....	55.5	91	64	59.9	89	63
3481	Miscellaneous Fabricated Wire Products..... Establishments primarily engaged in manufacturing miscellaneous fabricated wire products from purchased wire. Rolling mills engaged in manufacturing wire products are classified in Major Group 33; establishments manufacturing nonferrous wire nails and spikes in Industry 3399; those drawing and insulating nonferrous wire in Industry 3357; and those assembling wire bedsprings or seats are classified in Major Group 25. This industry was changed to code number 3481 from code number 3489 in the previous classification system and was slightly changed in content to exclude aluminum cable-steel reinforced and other bare aluminum cable.	55.5	91	64	59.9	89	63
349	Miscellaneous fabricated metal products.....	137.3	(NA)	(NA)	(NA)	(NA)	(NA)
3491	Metal Shipping Barrels, Drums, Kegs, and Pails..... Establishments primarily engaged in manufacturing ferrous and nonferrous shipping barrels, drums, kegs, and pails. The definition of this industry was revised slightly in comparison with the previous definition to include fluid milk shipping containers, formerly classified in Industry 3411, Metal Cans.	9.6	92	86	(NA)	(NA)	(NA)
3492	Safes and Vaults..... Establishments primarily engaged in manufacturing fire or burglary resistive steel safes and vaults (except concrete grave vaults, Industry 3272, and metal grave vaults, Industry 3988), and similar fire or burglary resistive products.	3.5	78	97	3.4	87	97
3493	Steel Springs..... Establishments primarily engaged in manufacturing leaf springs, hot wound springs and coiled flat springs. Establishments primarily engaged in manufacturing wire springs are classified in Industry 3481, and rolling mills manufacturing steel springs in Industry 3312.	6.8	81	69	7.1	84	74

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
34	FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT—Continued						
349	Miscellaneous fabricated metal products—Continued						
3494	Valves and Pipe Fittings, Except Plumbers' Brass Goods..... Establishments primarily engaged in manufacturing valves for controlling the flow of liquids or gases in pipes and mains, and for machinery. Establishments primarily engaged in manufacturing faucets, spigots, and similar plumbers' brass goods and fittings are classified in Industry 3432. This industry was changed to code number 3494 from code number 3591 in the previous classification system but was not changed in content.	75.0	89	88	75.0	85	86
3496	<u>Collapsible Tubes</u> Establishments primarily engaged in manufacturing collapsible tubes defined as cylindrical containers for viscous products, made of thin flexible metal, usually of tin, tin lined lead, lead, lead-tin alloy, or aluminum, with integral shoulder and neck, provided with an appropriate size opening in the throat, and usually with a screw cap made of plastic material for closure over the neck.	3.8	91	100	4.3	93	100
3497	<u>Metal Foil and Leaf</u> Establishments primarily engaged in manufacturing gold, silver, tin and other metal foil (including converted metal foil) and leaf. Establishments primarily engaged in manufacturing plain aluminum foil are classified in Industry 3352. The definition of this industry has been revised significantly in comparison with the previous definition to exclude establishments producing plain aluminum foil (foil mills). Such establishments are now included in Industry 3352, Aluminum Rolling and Drawing.	3.2	83	50	(NA)	(NA)	(NA)
3498	<u>Fabricated Pipe and Fabricated Pipe Fittings</u> Establishments primarily engaged in fabricating pipe and pipe fittings from purchased pipe, by cutting, threading, bending, etc. Establishments primarily engaged in manufacturing cast iron pipe and fittings, including cast and forged pipe fittings which have been machined and threaded, are classified in Industry 3321; welded and heavy riveted pipe in Industry 3317; and seamless steel pipe in Industry 3317. This industry was changed to code number 3498 from code number 3592 in the previous classification system but was not revised in content.	15.2	89	93	12.7	92	88
3499	<u>Fabricated Metal Products, n.e.c.</u> Establishments primarily engaged in manufacturing fabricated metal products, n.e.c. Establishments primarily engaged in manufacturing advertising novelties are classified in Industry 3993. Specific products of this industry include ammunition boxes, metal strapping, aluminum giftware (hammered), metal bookends, ladders, and fabricated railroad track equipment, such as switches, crossings, etc. Establishments primarily engaged in manufacturing castings or forgings are classified in Major Group 33, Primary Metal Industries; hardware in Industry 3429, Hardware; metal stampings in Industry 3461, Metal Stampings; machine and equipment parts in Major Group 35, Machinery, Except Electrical, and Major Group 36, Electrical Machinery, Equipment and Supplies.	20.2	88	62	18.1	85	53

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-47

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
35	MACHINERY, EXCEPT ELECTRICAL						
	This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but hand tools are classified in Major Group 34.						
351	Engines and turbines.....	95.6	(NA)	(NA)	82.0	88	84
3511	<u>Steam Engines; Steam, Gas, and Hydraulic Turbines; and Steam, Gas, and Hydraulic Turbine Generator Set Units.....</u>	45.3	78	94	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing steam engines; steam turbines; hydraulic turbines; gas turbines except aircraft; and complete steam, gas, and hydraulic turbine generator set units. Establishments primarily engaged in building or rebuilding locomotives are classified in Industry 3741; and those manufacturing nonautomotive type generators which are not a part of a turbine generator set in Industry 3621. The definition of this industry was significantly changed in comparison with the previous definition. Gas turbines (except aircraft) and parts, formerly included in Industry 3519, Internal Combustion Engines, are now classified in this industry.						
3519	<u>Internal Combustion Engines, n.e.c.....</u>	50.2	90	82	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing Diesel, semi-Diesel, or other internal combustion engines, n.e.c., for stationary, marine, traction, and other uses. Establishments primarily engaged in manufacturing aircraft engines, including rocket engines, are classified in Industry 3722, automotive engines (except Diesel) in Industry 3714, and engine generator sets in Industry 3621. The definition of this industry was slightly changed in comparison with the previous definition. Gas turbines (except aircraft) and parts formerly included in this industry, are now classified in Industry 3511, Steam Engines and Turbines.						
352	Farm machinery and equipment.....	108.6	90	94	(NA)	(NA)	(NA)
3522	<u>Farm Machinery and Equipment.....</u>	108.6	90	94	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing farm machinery, including equipment and wheel tractors, for use in the preparation and maintenance of the soil; planting and harvesting of the crop; preparing, on the farm, crops for market; or for use in performing other farm operations and processes. This industry includes wheel tractors except contractors' off-highway type which are classified in Industry 3531. Establishments primarily engaged in manufacturing industrial trucks, tractors, and trailers used for handling materials in industrial plants, depots, and docks are classified in Industry 3537; and farm hand tools in Group 342. The definition of this industry was significantly changed in comparison with the previous definition. Wheel tractors (except contractors off-highway type), garden tractors, and parts and attachments for such tractors (formerly included in Industry 3521, Tractors); farm elevators and parts (formerly in Industry 3563, Conveyors); and power hedge trimmers and shears (formerly in Industry 3421, Cutlery) are now classified in this industry.						
353	Construction, mining, and materials handling machinery and equipment.....	199.6	(NA)	(NA)	(NA)	(NA)	(NA)
3531	<u>Construction Machinery and Equipment.....</u>	95.3	88	90	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing heavy machinery and equipment used by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant; dredging machinery; pavers, and power shovels. Establishments primarily engaged in manufacturing mining equipment are classified in Industry 3532, and well drilling machinery in Industry 3533. The definition of this industry was significantly changed in comparison with the previous definition. Included now are contractors' off-highway wheel tractors, tracklaying tractors, and parts and attachments for such tractors, formerly classified in Industry 3521, Tractors. Hoists and specialized mining machinery, formerly included in this industry, are now classified respectively, in Industry 3536, Hoists, Cranes, and Monorails; and in Industry 3532, Mining Machinery and Equipment.						
3532	<u>Mining Machinery and Equipment, Except Oil Field Machinery and Equipment.....</u>	17.8	72	77	(NA)	(NA)	(NA)
	Establishments primarily engaged in manufacturing heavy machinery and equipment used by the mining industries, such as coal breakers, mine cars, mineral cleaning machinery, concentration machinery, core drills, coal cutters, portable rock drills, and rock crushing machinery. Establishments primarily engaged in manufacturing construction machinery are classified in Industry 3531, well drilling machinery in Industry 3533, and coal and ore conveyors in Industry 3535. This is a new industry classification, the products of which were formerly included in Industry 3531, Construction Machinery.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
35	MACHINERY, EXCEPT ELECTRICAL—Continued						
353	Construction, mining, and materials handling machinery and equipment—Continued						
3533	Oil Field Machinery and Equipment..... Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields, or for drilling water wells. This industry was changed to code number 3533 from code number 3532 in the previous classification system.	31.9	92	94	33.7	89	93
3534	Elevators and Moving Stairways..... Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumb waiters, and moving stairways. Establishments primarily engaged in manufacturing commercial conveyor systems and equipment are classified in Industry 3535, and farm elevators in Industry 3522. This industry was changed to code number 3534 from code number 3562 in the previous classification system.	9.6	97	80	10.3	87	89
3535	Conveyors and Conveying Equipment..... Establishments primarily engaged in manufacturing conveyors and conveying equipment for installation in factories, warehouses, mines, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing passenger or freight elevators, dumb waiters, and moving stairways are classified in Industry 3534; and overhead traveling cranes and monorail systems in Industry 3536. This industry was changed to code number 3535 from code number 3563 in the previous classification system and was significantly changed in definition. Overhead traveling cranes and monorail systems, formerly included in this industry, are now classified in Industry 3536, Hoists, Cranes, and Monorails. Farm elevators, formerly included in this industry, are now classified in Industry 3522, Farm Machinery and Equipment.	20.8	81	78	(NA)	(NA)	(NA)
3536	Hoists, Industrial Cranes, and Monorail Systems..... Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, and other industrial and commercial establishments. This is a new industry classification comprised of hoists, formerly classified in Industry 3531, Construction Machinery, and overhead traveling cranes and monorail systems, formerly classified in Industry 3563, Conveyors.	9.5	79	78	(NA)	(NA)	(NA)
3537	Industrial Trucks, Tractors, Trailers, and Stackers..... Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, stackers (truck type), and related equipment, used for handling materials on floors and paved surfaces in and around industrial and commercial plants, depots, docks, and terminals. Establishments primarily engaged in manufacturing motor vehicles and motor vehicle type trailers are classified in Group 371; farm type wheel tractors in Industry 3522; wheel tractor shovel loaders, tracklaying tractors in Industry 3531; and wood pallets and skids in Industry 2499. This industry was changed to code number 3537 from code number 3565 in the previous classification system.	14.8	93	84	15.8	88	83
354	Metalworking machinery and equipment.....	233.5	(NA)	(NA)	(NA)	(NA)	(NA)
3541	Machine Tools, Metal Cutting Types..... Establishments primarily engaged in manufacturing power-driven machines, not supported in the hands of an operator when in use, that shape metal by cutting away chips; the rebuilding of such machine tools, and the manufacture of replacement parts for them. Metalworking, or primarily metalworking, machine tools designed primarily for home workshops are also included. Establishments primarily engaged in the manufacture of electric welding equipment are classified in Industry 3623; and portable power-driven hand tools, gas welding and cutting equipment, and automotive maintenance equipment in Industry 3548.	52.9	85	89	81.0	84	92
3542	Machine Tools, Metal Forming Types..... Establishments primarily engaged in manufacturing power driven machines, not supported in the hands of an operator while in use, for pressing, forging, hammering, extruding, shearing, bending or die casting metal into shape. This industry also includes rebuilding such machine tools and manufacturing repair parts for them. Establishments primarily engaged in the manufacture of electric welding equipment are classified in Industry 3623; portable power-driven hand tools, gas welding and cutting equipment, and automotive maintenance equipment in Industry 3548. The definition of this industry was significantly changed in comparison with the previous definition. Rolling-mill machinery; power-driven hand tools, parts, and attachments; acetylene welding and cutting apparatus; drawing machines and draw benches; and machines for weaving wire and other wire fabricating, formerly included in this industry are now classified in Industry 3548, Metalworking Machinery, n.e.c.	22.5	82	80	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-49

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
35	MACHINERY, EXCEPT ELECTRICAL—Continued						
354	Metalworking machinery and equipment—Continued						
3544	Special Dies and Tools, Die Sets, Jigs, and Fixtures..... Establishments primarily engaged in manufacturing, on a job or order basis, special tools and fixtures for use with machine tools, hammers, die casting machines, and presses. The products of establishments classified in this industry include a wide variety of special toolings, such as dies; punches; die sets and components, and sub-presses; jigs and fixtures; and special checking devices. Establishments primarily engaged in manufacturing metal molds for casting metals, for rubber working, plastic working, glass working and similar machinery are also included. For a detailed list of products of Industry 3544, refer to table 6A, product codes 3544112 to 3544263. This industry comprises establishments commonly known as contract tool and die shops; also included are captive tool and die shops of metal-products producers, where such shops were separately operated and separate reports were filed. However, the total value of shipments excludes the captive production of tool and die departments making these products for the exclusive use of the producing establishment. Industrial molds, formerly included in old Industry 3594, Patterns and Molds, are now classified in this industry.	83.3	93	68	(NA)	(NA)	(NA)
3545	Machine Tool Accessories and Measuring Devices..... Establishments primarily engaged in manufacturing cutting tools, precision measuring tools, and attachments and accessories for machine tools and for other metalworking machinery, n.e.c. Establishments primarily engaged in manufacturing hand tools, except power-driven, are classified in Group 342.	41.5	85	85	44.9	87	74
3548	Metalworking Machinery, Except Machine Tools..... Establishments primarily engaged in manufacturing metalworking machinery such as rolling mill machinery and equipment, power-driven hand tools, welding equipment, wire fabricating machinery and equipment, and automotive maintenance machinery and equipment. Establishments primarily engaged in manufacturing machine tools, metal cutting types, are classified in Industry 3541, and those primarily engaged in manufacturing machine tools, metal forming types, in Industry 3542. This is a new industry classification. Automotive maintenance equipment was formerly classified in Industry 3589, Service and Household Machines, n.e.c. All other products of this industry were formerly classified in Industry 3542, Metal Forming Machine Tools.	33.3	91	85	(NA)	(NA)	(NA)
355	Special industry machinery, except metalworking machinery..... These industries include establishments primarily engaged in producing industrial machinery, except metalworking machinery, specially designed for use in specific industry or group of industries. Machinery having general industrial application, i.e., used in a number of industries, rather than specific applications are not included in this report but are included in the report for General Industrial Machinery and Equipment. Examples of general industrial machinery are pumps and compressors, fans and blowers, and mechanical power transmission equipment.	162.3	(NA)	(NA)	165.7	87	85
3551	Food-Products Machinery..... Establishments primarily engaged in manufacturing machinery for use by the food-products and beverage manufacturing industries in the preparation, canning, or packaging of food products. Important products of this industry include bakers' machinery and equipment (bake ovens, bread-slicing machines, wrapping machines, and dough mixers); canning machinery; chocolate and confectionery machinery; dairy products machinery and equipment, including fluid milk processing machinery, butter, cheese and ice cream machinery, condensed and evaporated milk machinery, and related equipment; flour-mill and grain-mill machinery; packing house machinery; sugar-mill machinery; coffee-roasting and grinding machines, food choppers, grinders, mixers, and slicers; peanut roasters; popcorn machines; and parts and attachments. Establishments primarily engaged in manufacturing refrigeration machinery are classified in Industry 3585, Refrigeration Machinery; household electrical appliances such as mixers, cookers, etc. are classified in Industry 3634, Electrical Housewares and Fans.	27.7	87	84	33.2	84	86
3552	Textile Machinery..... Establishments primarily engaged in manufacturing machinery for the textile industries. Important products of this industry include: (1) fiber-to-fabric machinery, such as picker, carding, combing, garnetting, and spinning machines, doubling and twisting frames, winders, and beaming, warping, and slashing machines; (2) fabric machinery, such as knitting and braiding machines, looms for weaving, and Jacquard, lace, net embroidery, cordage, and rope machines; (3) machinery for bleaching, dyeing, printing, mercerizing, finishing, and drying stock, yarn, and cloth; and (4) extra parts, attachments, and accessories, n.e.c. Establishments primarily engaged in manufacturing domestic or industrial sewing machines are classified in Industry 3636, Sewing Machines.	34.3	87	94	36.6	89	93

See footnotes at end of table.

APPENDIX B.-INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
35	MACHINERY, EXCEPT ELECTRICAL—Continued						
355	Special industry machinery, except metalworking machinery—Continued						
3553	Woodworking Machinery..... Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers, pattern makers, and veneer workers; small woodworking machinery for home, shop, and professional craftsmen; and portable electric wood-working tools. Establishments primarily engaged in manufacturing hand tools such as planes, axes, drawknives, and hand saws are classified in Group 342, Cutlery, Hand Tools and Hardware. Machines designed for use on both wood or metal, such as portable power-driven hand tools are classified in Industry 3548, Metalworking Machinery Except Machine Tools, and machines designed primarily for use on metal in home workshops, garages and service shops are classified in Industry 3541, Machine Tools, Metal Cutting Types. The Standard Industrial Classification includes portable electric woodworking tools in Industry 3553. However, Census includes such tools in Industry 3548 since the distinction between the portable power-driven hand tool for woodworking and for metalworking is not clear.	12.2	78	86	12.0	84	81
3554	Paper-Industries Machinery..... Establishments primarily engaged in manufacturing machinery for the paper-pulp, paper, and paper-product industries. Establishments primarily engaged in rebuilding pulp and paper-industries machinery are also included in this industry. Establishments primarily engaged in manufacturing printing-trades machinery are classified in Industry 3555, Printing-Trades Machinery.	15.7	93	91	15.0	85	86
3555	Printing-Trades Machinery..... Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Important products of this industry include book-binding and photoengraving machinery; printers' machinery such as presses, type-setting, typefounding, electrotyping, and stereotyping machines; engravers' equipment (metal plates, wood blocks, and lithographic stones); printers' rollers, rules, sticks, blocks, and type cases; and type, leads, and slugs. Establishments primarily engaged in manufacturing textile-printing machinery are classified in Industry 3552, Textile Machinery.	21.5	95	92	22.0	95	90
3559	Special Industry Machinery, n.e.c..... Establishments primarily engaged in manufacturing special-industry machinery, n.e.c., such as smelting and refining equipment, cement-making, clay-working, glass-making, hat-making, incandescent lamp-making, leather-working, paint-making, rubber-working, tobacco-working, cigar and cigarette-making, shoe-making, and stone-working machinery. The definition of this industry was revised slightly in comparison with the previous definition to include electric and fuel-fired nonmetallic processing industrial furnaces, ovens, kilns, and lehrs, formerly classified in Industry 3567, Industrial Furnaces and Ovens.	50.8	83	77	47.0	82	73
356	General industrial machinery and equipment.....	217.2	(NA)	(NA)	(NA)	(NA)	(NA)
3561	Pumps, Air, and Gas Compressors, and Pumping Equipment..... Establishments primarily engaged in manufacturing pumps, compressors, and pumping equipment for general industrial use. Establishments primarily engaged in manufacturing measuring and dispensing pumps for gasoline service station use are classified in Industry 3586; and ice making, refrigerating, and air conditioning units in Industry 3585.	60.0	87	85	60.3	82	78
3562	Ball and Roller Bearings..... Establishments primarily engaged in manufacturing ball and roller bearings and parts. Establishments primarily engaged in manufacturing bearings, except ball and roller, are classified in Industry 3566. This industry was changed to code number 3562 from code number 3593 in the previous classification system.	46.4	98	98	49.7	98	98
3564	Blowers, Exhaust and Ventilating Fans..... Establishments primarily engaged in manufacturing blowers, and exhaust and ventilating fans for general industrial, commercial, and household use. Establishments primarily engaged in manufacturing complete air conditioning units are classified in Industry 3585, and free air circulating fans for use on desks, pedestals, or wall brackets in Industry 3634.	15.9	83	79	18.1	83	76
3565	Industrial Patterns..... Establishments primarily engaged in manufacturing industrial patterns. For a detailed list of products of Industry 3565, refer to table 6A, product codes 3565011 to 3565098. This is a new industry classification, the products of which were formerly included in old Industry 3594, Industrial Patterns and Molds.	8.9	95	74	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-51

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
35	MACHINERY, EXCEPT ELECTRICAL—Continued						
356	General industrial machinery and equipment—Continued						
3566	Mechanical Power Transmission Equipment, Except Ball and Roller Bearings..... Establishments primarily engaged in manufacturing mechanical power transmission equip- ment for industrial machinery. Establishments primarily engaged in manufacturing automotive, tank, and tractor power transmission equipment are classified in Industry 3714; aircraft power transmission equipment in Industry 3729; and ball and roller bearings in Industry 3562. For a detailed list of products of Industry 3566, refer to table 6A, product codes 3566115 to 3566398. The definition of this industry was significantly changed in comparison with the previ- ous definition. Plain bearings and bushings (unmounted, machined); and aircraft and related engine and power take-off gears, formerly included in this industry, are now classified, respectively, in Industry 3717, Motor Vehicles and Parts, and Industry 3729, Aircraft Equipment, n.e.c. Establishments primarily engaged in producing rail- road car journal bearings, formerly included in Industry 3361, Nonferrous Foundries, are now classified in this industry.	41.8	83	79	(NA)	(NA)	(NA)
3567	Industrial Process Furnaces and Ovens..... Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and die-electric heating equipment, and related devices. The definition of this industry was significantly changed in comparison with the previ- ous definition. Nonmetallic processing industrial furnaces, ovens, kilns, and lehrs, formerly included in this industry, are now classified in Industry 3559, Special Industry Machinery, n.e.c. High frequency induction and die-electric heating appa- ratus, and industrial electric heating units and devices (except heating units for electric furnaces), formerly included in old Industry 3619, Electrical Industrial Apparatus, n.e.c., are now classified in this industry.	10.3	85	83	(NA)	(NA)	(NA)
3569	General Industrial Machinery and Equipment, n.e.c..... Establishments primarily engaged in manufacturing machinery, equipment, and components for general industrial use, and for which no special classification is provided. Machine shops primarily engaged in producing machine and equipment parts, usually on a job or order basis, are classified in Industry 3591. Industry 3569 covers a wide range of heterogeneous products such as filters and strainers for internal combustion engines (except automobile engines), hydraulic jacks, packaging and wrapping machines (except food and tobacco), centrifugals and separators (except cream), gas generating equipment, brake burnishing and washing machines, ice crusher machinery, fire hose (except rubber), fire hose dryers and racks, automatic sprinkler systems, general industrial labeling machines, and magnetic separation equipment. The definition of this industry was significantly changed in comparison with the previ- ous definition. Heat exchangers and steam condensers, formerly included in this in- dustry, are now classified in Industry 3443, Boiler Shop Products.	28.0	87	74	(NA)	(NA)	(NA)
357	Office computing, and accounting machines.....	121.6	(NA)	(NA)	(NA)	(NA)	(NA)
3571	Computing and Accounting Machines, Including Cash Registers..... Establishments primarily engaged in manufacturing computing machines including elec- tronic, accounting machines, and cash registers. Establishments primarily engaged in manufacturing typewriters are classified in Industry 3572, and office duplicating ma- chines and devices and autographic registers in Industry 3579. The definition of this industry was changed slightly in comparison with the previous definition. Revolution counters, formerly classified in this industry, are now in- cluded in Industry 3821, Mechanical Measuring Devices.	80.9	94	91	56.7	78	93
3572	Typewriters..... Establishments primarily engaged in manufacturing typewriters and parts.	19.8	82	99	18.4	80	97
3576	Scales and Balances, Except Laboratory..... Establishments primarily engaged in manufacturing weighing and force measuring machines and devices of all types, except those regarded as scientific apparatus for laboratory and experimental work which are classified in Industry 3811. The definition of this industry was changed slightly in comparison with the previous definition. Laboratory scales, formerly classified in this industry, are now included in Industry 3811, Scientific Instruments.	5.3	91	97	5.4	90	96

See footnotes at end of table.

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
35	MACHINERY, EXCEPT ELECTRICAL—Continued						
357	Office computing, and accounting machines—Continued						
3579	Office Machines, n.e.c. Establishments primarily engaged in manufacturing office machines and devices, n.e.c. Establishments primarily engaged in manufacturing computing machines and cash regis- ters are classified in Industry 3571, typewriters in Industry 3572, and photocopy and microfilm equipment in Industry 3861. In the 1945 Standard Industrial Classification, automatic merchandising machines and amusement and other coin operated machines were classified in Industry 3575. However, in the 1954 Census of Manufactures these products were included in Industry 3579. These two industries were combined partly because automatic merchandising machines are produced by a group of manufacturers distinct from those which produce amusement and other coin-operated machines and also because the data for a coin-operated machines industry would have very limited significance as a result of the classification of many types of coin operated machines in other industries. However, in the 1957 edition of the Standard Industrial Classification, coin-operated vending machines and mechanisms have been transferred to Industry 3581, Automatic Vending Machines, and coin-operated amusement machines, such as pinball, bell type machines and consoles, strength testing, skill games, and other arcade pieces, to Industry 3999, Miscel- laneous Products, n.e.c.	15.6	84	84	(NA)	(NA)	(NA)
358	Service industry machines.	100.1	(NA)	(NA)	(NA)	(NA)	(NA)
3581	Automatic Merchandising Machines. Establishments primarily engaged in manufacturing automatic merchandising units; also referred to as vending machines (excluding music, amusement, or gaming machines), and coin-operated mechanisms for such machines. Coin-operated amusement and gaming ma- chines are classified in Industry 3999 and coin-operated phonographs in Industry 3651. For a detailed list of primary products of Industry 3581, refer to table 6A, codes 3581112 to 3581251. This is a new industry classification, the products of which were formerly classified in Industry 3579, Office Machines, n.e.c., and Industry 3585, Refrigeration Machinery.	7.9	92	92	5.2	(NA)	(NA)
3582	Commercial Laundry, Dry Cleaning, and Pressing Machines. Establishments primarily engaged in manufacturing laundry and dry-cleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment are classified in Industry 3633. Important products of this industry include commercial washers, extractors, combination washers and extractors, drying tumblers, ironers, finishing presses, napping machines, stills and filters for dry-cleaning machines, and other laundry and dry-cleaning equipment, parts, accessories, and attachments.	6.6	90	95	6.5	83	93
3584	Vacuum Cleaners, Industrial. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use and parts and attachments for industrial vacuum cleaners. Industry 3584 was redefined to include only vacuum cleaners for industrial use. Do- mestic vacuum cleaners and parts and attachments for domestic vacuum cleaners were formerly included in this industry but are now classified in Industry 3635, Household Vacuum Cleaners.	.4	70	54	(NA)	(NA)	(NA)
3585	Refrigerators and Refrigeration Machinery, Except Household; and Complete Air-Conditioning Units. Establishments primarily engaged in manufacturing equipment and systems utilizing the basic refrigeration cycle, including mechanical and absorption refrigerators for commercial and industrial use; refrigeration machinery, and complete air-conditioning units for domestic, commercial, and industrial use. Establishments primarily engaged in manufacturing soda fountain and beer-dispensing equipment are classified in this industry, and those primarily engaged in manufacturing household refrigerators and home and farm freezers in Industry 3632, Household Refrigerators. Establishments primarily engaged in manufacturing farm milk coolers, except mechani- cally refrigerated, are classified in Industry 3522, Farm Machinery and Equipment; compressors, except refrigeration, in Industry 3561, Pumps and Compressors. Estab- lishments primarily engaged in the construction or installation of cooling, freezing, or air-conditioning systems by building contractors or engineering concerns are not included in Industry 3585. The definition of this industry was significantly changed from the previous definition. Household refrigerators and home and farm freezers were transferred to Industry 3632, Household Refrigerators, and refrigerated automatic coin-operated vending machines were transferred to Industry 3581, Automatic Merchandising Machines. Soda fountain and beer-dispensing equipment, formerly a separate industry (3997), is now classified in this industry.	67.7	(8)	(8)	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-53

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
35	MACHINERY, EXCEPT ELECTRICAL—Continued						
358	Service industry machines—Continued						
3586	<u>Measuring and Dispensing Pumps</u> Establishments primarily engaged in manufacturing measuring-and-dispensing pumps com- monly used in service and filling stations for dispensing gasoline, oil, and grease, including grease guns. Establishments primarily engaged in manufacturing pumps, com- pressors, and pumping equipment for general industrial use are classified in Industry 3561, Pumps and Compressors.	6.2	75	89	7.4	68	91
3589	<u>Service Industry and Household Machines, n.e.c.</u> Establishments primarily engaged in manufacturing machines and equipment, n.e.c., for use in service industries, such as floor sanding machines, scrubbing machines, commer- cial cooking and food warming equipment, and commercial dishwashing machines. Estab- lishments primarily engaged in manufacturing household electrical appliances are classified in Group 363. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in Industry 3582; industrial vacuum cleaners in Industry 3584; household vacuum cleaners in Industry 3635; household electrical appliances in Industry 3631; and household laundry equipment in Industry 3633. The definition of this industry was significantly changed from the previous definition. Commercial cooking and food warming equipment, formerly classified in old Industry 3439, Heating and Cooking Equipment, n.e.c., is now included in this industry. Auto- motive maintenance equipment, formerly classified in this industry is now included in Industry 3548. Household dishwashers, dishwasher and sink combinations, household floor waxing and polishing machines, waste food disposals and other household service machines, also formerly included in this industry, are now classified in Industry 3639, Household Appliances, n.e.c.	11.3	86	83	(NA)	(NA)	(NA)
359	Miscellaneous machinery, except electrical.....	115.5	92	90	103.7	88	86
3599	<u>Machinery and Parts, Except Electrical, n.e.c.</u> (Includes S.I.C. Industry 3591, Machine Shops, Jobbing and Repair)..... Establishments primarily engaged in producing machine and equipment parts, n.e.c., from materials owned by them or performing machining operations on materials owned by others. These establishments usually operate on a job or order basis and are equipped with machine tools and other power-driven metalworking machinery capable of manufac- turing a wide range of machine and equipment parts. Machine shops classified in this industry are characterized by their method of operation rather than their product, and the fact that they may be primarily engaged in repair work does not exclude them from this classification. Although generally characterized by method of operation rather than type of product, establishments primarily engaged in manufacturing the following products are classi- fied in Industry 3599: metal bellows, bushings machined from purchased castings, carburetors, catapults, boiler-tube cleaners, valve cores, hydraulic cylinders, iron flasks, flexible metal hose and tubing, metallic packing (except asbestos-metallic), pistons and piston rings, and intake and exhaust valves for internal combustion engines. The definition of this industry was significantly changed in comparison with the previ- ous definition. Rebuilt automotive parts (generators, pumps, valves, etc.) formerly classified in this industry are now included in Industry 3717, Motor Vehicles and Parts. Establishments that were engaged exclusively or almost exclusively in repair work were formerly classified in Industry 7699, Repair Shops, n.e.c.	115.5	92	90	103.7	88	86
36	ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES This major group includes establishments engaged in manufacturing machinery, appa- ratus, and supplies for the generation, storage, transmission, transformation, and utili- zation of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by build-in or detachable electric motors is classified in Major Group 35.						
361	Electric transmission and distribution equipment.....	134.4	(NA)	(NA)	(NA)	(NA)	(NA)
3611	<u>Electric Measuring Instruments and Test Equipment</u> Establishments primarily engaged in manufacturing pocket, portable, panelboard and graphic recording instruments for measuring electricity, such as volt meters, am- meters, watt meters, watt hour meters, demand meters and other meters and indicating instruments. This industry also includes establishments primarily engaged in manufac- turing analyzers for testing the electrical characteristics of internal combustion engines, radio apparatus, etc. This industry was changed to code number 3611 from code number 3613 in the previous classification system but was only slightly changed as to content. Tripping trans- formers formerly classified in this industry are now considered primary to Industry 3612, Transformers.	46.9	74	81	33.0	75	76

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
36	ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES—Continued						
361	Electric transmission and distribution equipment—Continued						
3612	Power, Distribution, and Specialty Transformers..... Establishments primarily engaged in manufacturing power, distribution and specialty transformers. Establishments primarily engaged in manufacturing radio frequency or voice frequency transformers, coils or chokes are classified in Industry 3679, and resistor welding transformers in Industry 3623. This industry was changed to code number 3612 from code number 3615 in the previous classification system but was only slightly changed as to content. Tripping transformers, now classified in this industry formerly were classified in Industry 3613 (old) "Electric Measuring Instruments", (new S.I.C. 3611).	34.6	94	93	41.0	87	94
3613	Switchgear and Switchboard Apparatus..... Establishments primarily engaged in manufacturing switchgear and switchboard apparatus. Important products of this industry include power switches, circuit breakers, power switching equipment, and similar switchgear for general industrial application; switchboards and cubicles, control and metering panels, power fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing industrial controls are classified in Industry 3622, and those manufacturing current carrying wiring devices in Industry 3643. Industry 3613 was formerly part of old Industry 3616. Prior to the reclassification of this industry, both Industry 3613 (new), Switchgear and Switchboard Apparatus, and Industry 3622 (new), Industrial Controls, were classified as one Industry, 3616 (old).	52.9	80	90	(NA)	(NA)	(NA)
3619	Electric Transmission and Distribution Equipment, n.e.c. This classification was not used. Such establishments were classified in other Census industries according to principal products made.						
362	Electrical industrial apparatus.....	156.3	(NA)	(NA)	(NA)	(NA)	(NA)
3621	Motors and Generators..... Establishments primarily engaged in manufacturing electric motors (except starting motors) and power generators; motor generator sets; railway motors and control equipment; and motors, generators and control equipment for gasoline electric and oil electric busses and trucks. Establishments primarily engaged in manufacturing turbo-generators are classified in Industry 3511 and starting motors and battery charging generators for internal combustion engines in Industry 3694. This industry was changed to code number 3621 from code number 3614 in the previous classification system.	93.5	83	85	112.0	82	84
3622	Industrial Controls..... Establishments primarily engaged in motor starters and controllers, control accessories, electronic controls, and other industrial controls. Establishments primarily engaged in manufacturing automatic temperature controls are classified in Industry 3822. Industry 3622 was formerly part of old Industry 3616. Prior to the reclassification of this industry both Industry 3622 (new), Industrial Controls, and Industry 3613 (new), Switchgear and Switchboard Apparatus, were classified as one Industry, 3616 (old). Rheostats and resistors, formerly classified in old Industry 3619, Electrical Industrial Apparatus, n.e.c., are now classified in this industry.	27.1	79	70	(NA)	(NA)	(NA)
3623	Welding Apparatus..... Establishments primarily engaged in the manufacture of welding apparatus and accessories. Important products of this industry include arc welding machines, spot, projection, seam, flash and other resistance welders, welding electrodes, electrode holders and other welding machine accessories. Establishments which coat only and those which draw the wire and coat it are also included. Establishments primarily engaged in manufacturing gas welding apparatus are classified in Industry 3548. This industry was changed to code number 3623 from code number 3617 in the previous classification system.	9.9	93	92	8.2	90	92
3624	Carbon and Graphite Products..... Establishments primarily engaged in the manufacture of carbon and graphite products for use in the electrical industries. This industry comprises establishments primarily engaged in manufacturing lighting carbons; carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; and other carbon, graphite, and metal-graphite products for use in the electrical industries. This industry was changed to code number 3624 from code number 3612 in the previous classification system.	8.9	97	95	8.3	98	94
3629	Electric Industrial Apparatus, n.e.c..... Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, n.e.c., such as blasting machines, fixed and variable electronic capacitors and condensers and rectifiers. The definition of this industry was significantly changed in comparison with the previous definition. This industry was changed to new code number 3629 from old 3619. High frequency, induction and dielectric heating apparatus and industrial electric heating units and devices formerly classified in this industry are now classified in Industry 3567, Industrial Process Furnaces and Ovens and rheostats and resistors are now classified in Industry 3622, Industrial Controls.	16.8	71	73	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-55

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
36	ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES—Continued						
363	Household appliances.....	143.0	(NA)	(NA)	(NA)	(NA)	(NA)
3631	<u>Household Cooking Equipment</u> Establishments primarily engaged in manufacturing household cooking equipment, such as stoves, ranges, and ovens. Establishments primarily engaged in manufacturing household cooking appliances, such as hot plates, grills, percolators, and toasters are classified in Industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in Industry 3589. The definition of this industry was significantly changed in comparison with the previous definition. Electrical household cooking equipment was formerly classified in old Industry 3621, Electrical Appliances, and nonelectric household cooking equipment, in old Industry 3439, Heating and Cooking Apparatus, Except Electric. (Old Industry 3631, Insulated Wire and Cable is now part of new Industry 3357.)	18.2	88	72	(NA)	(NA)	(NA)
3632	<u>Household Refrigerators and Home and Farm Freezers</u> Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers. Establishments primarily engaged in manufacturing commercial and industrial refrigeration equipment, packaged room coolers, and dehumidifiers are classified in Industry 3585. This is a new industry, the products of which were formerly classified in old Industry 3585, Refrigeration Machinery.	41.5	74	98	(NA)	(NA)	(NA)
3633	<u>Household Laundry Equipment</u> Establishments primarily engaged in manufacturing laundry equipment such as washing machines, wringers, dryers, and ironers for household use. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in Industry 3582. This industry was changed to code number 3633 from code number 3581 in the previous classification system.	24.6	91	91	22.1	93	81
3634	<u>Electric Housewares and Fans</u> Establishments primarily engaged in manufacturing electric housewares for heating, cooking, and other purposes; and electric fans. Important products of this industry include electric air heaters, bed coverings, blenders, broilers, deep fat fryers, flat irons, food mixers, hot plates, percolators and coffee makers, roasters, toasters, desk and bracket fans, and hassock or floor fans. This is a new industry classification, the products of which were formerly classified in old Industry 3621, Electrical Appliances.	29.2	86	82	(NA)	(NA)	(NA)
3635	<u>Household Vacuum Cleaners</u> Establishments primarily engaged in manufacturing vacuum cleaners for household use. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use are classified in Industry 3584. This industry was changed to code number 3635 from code number 3584 in the previous classification system but was only slightly changed as to content. Industrial vacuum cleaners, formerly classified in this industry, now constitute a separate industry (new code 3584).	5.3	93	83	(NA)	(NA)	(NA)
3636	<u>Sewing Machines</u> Establishments primarily engaged in manufacturing sewing machines for domestic and industrial use. This industry was changed to code number 3636 from code number 3583 in the previous classification system.	9.6	97	94	12.4	91	94
3639	<u>Household Appliances, n.e.c.</u> Establishments primarily engaged in manufacturing household appliances, n.e.c., such as hot water heaters, dishwashers, and food waste disposal units. This is a new industry classification. Nonelectric household water heaters formerly were classified in old Industry 3439, Heating and Cooking Apparatus, Except Electric, electric household water heaters in old Industry 3621, Electrical Appliances, and other household appliances in old Industry 3589, Service and Household Machines, n.e.c.	14.6	79	83	(NA)	(NA)	(NA)
364	Electric lighting and wiring equipment.....	123.3	(NA)	(NA)	(NA)	(NA)	(NA)
3641	<u>Electric Lamps</u> Establishments primarily engaged in manufacturing electric bulbs, tubes and related light sources. Important products of this industry include incandescent filament lamps, vapor and fluorescent lamps, photoflash and photoflood lamps, electrotherapeutic lamps, units for ultra violet and infrared radiation and other electric light sources. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in Industry 3229; and lamp components, such as filaments, supports, lead-in wires and cold cathode fluorescent lamp electrodes in Industry 3699. This industry was changed to code number 3641 from code number 3651 in the previous classification system.	21.5	94	98	22.0	94	99

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
36	ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES—Continued						
364	Electric lighting and wiring equipment—Continued						
3642	Lighting Fixtures..... Establishments primarily engaged in manufacturing lighting fixtures and equipment of any type, including electric and gas lighting fixtures; carbide, kerosene and gaso- line lamps; and metal reflectors and fittings. Establishments primarily engaged in producing glassware for lighting fixtures are classified in Major Group 32; electric light bulbs, tubes and related light sources in Industry 3641. This industry was changed to code number 3642 from code number 3471 in the previous classification system.	47.3	91	94	45.1	90	90
3643	Current Carrying Wiring Devices..... Establishments primarily engaged in manufacturing current carrying wiring devices. Important products of this industry include attachment plugs and caps, convenience outlets, lamp sockets and receptacles, snap switches, conductor connectors, overhead trolley line material, rail bonds for both propulsion and signal circuits, lightning arrestors, and other lightning protective equipment. The definition of this industry was significantly changed in comparison with the previ- ous definition. Connectors, formerly classified in old Industry 3661, Radios and Related Products, and lightning rods, formerly classified in old Industry 3441, Structural and Ornamental Products, are now classified in this industry.	34.8	86	79	(NA)	(NA)	(NA)
3644	Noncurrent Carrying Wiring Devices..... Establishments primarily engaged in manufacturing noncurrent carrying wiring devices. Important products of this industry include conduits and fittings, electrical insula- tors and insulation materials, except porcelain insulators (Industry 3624) and glass insulators (Industry 3229); outlet, switch and fuse boxes; and pole-line hardware. This is a new industry classification, the products of which were formerly classified in old Industry 3611, Wiring Devices and Supplies.	19.7	78	89	(NA)	(NA)	(NA)
365	Radio and television receiving sets, except communication types.....	73.9	(NA)	(NA)	(NA)	(NA)	(NA)
3651	Radio and Television Receiving Sets, Except Communication Types..... Establishments primarily engaged in manufacturing equipment for home entertainment. This industry also includes establishments primarily engaged in manufacturing public address systems, and music distribution apparatus, except records. Establishments primarily engaged in manufacturing records are classified in Industry 3652; radio and television receiving type tubes in Industry 3671; and television receiving type cath- ode ray tubes in Industry 3672. Industry 3651 was formerly part of old Industry 3661, Radios and Related Products.	66.5	91	90	(NA)	(NA)	(NA)
3652	Phonograph Records..... Establishments primarily engaged in manufacturing phonograph records and prerecorded tapes. Establishments primarily engaged in manufacturing electronic equipment for home entertainment, except records, are classified in Industry 3651. This industry was changed to code number 3652 from code number 3663 in the previous classification system.	7.4	97	98	6.2	94	97
366	Communication equipment.....	215.1	(NA)	(NA)	(NA)	(NA)	(NA)
3661	Telephone and Telegraph Apparatus..... Establishments primarily engaged in manufacturing wire telephone and telegraph equip- ment and parts especially designed for telephone and telegraph use. This industry was changed to code number 3661 from code number 3664 in the previous classification system but was only slightly changed as to content. Microwave and mobile telephone (communication) equipment, formerly classified in this industry, are now considered primary to Industry 3662, Radio, TV Communication Equipment.	85.5	(⁸)	(⁸)	64.7	(⁸)	(⁸)
3662	Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus..... Establishments primarily engaged in manufacturing (1) radio and television broadcasting equipment; (2) electric communication equipment and parts, except telephone and tele- graph; (3) electronic field detection apparatus, light and heat emission operation apparatus, object detection apparatus and navigational electronic equipment, and air- craft and missile control systems; and (4) other electric and electronic communication and signaling products, n.e.c. Establishments primarily engaged in manufacturing transmitting tubes are classified in Industry 3673. Industry 3662 was formerly part of old Industry 3661, Radios and Related Products, and old Industry 3669, Communication Equipment, n.e.c. Electric gongs, chimes and bells, formerly classified in old Industry 3669 are now considered primary to new Industry 3699, Electrical Products, n.e.c.; and microwave and mobile telephone equipment, formerly classified in old Industry 3664, Telephone and Telegraph Equipment, are included in new Industry 3662.	129.5	83	81	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-57

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
36	ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES—Continued						
367	Electronic components and accessories.....	197.9	(NA)	(NA)	(NA)	(NA)	(NA)
3671	<u>Radio and Television Receiving Type Electron Tubes, Except Cathode Ray</u> Establishments primarily engaged in manufacturing radio and television receiving type electron tubes, except cathode ray tubes. Establishments primarily engaged in manufacturing television receiving type cathode ray tubes are classified in Industry 3672; transmitting tubes in Industry 3673; X-ray tubes in Industry 3693; and electronic equipment for home entertainment, except tubes, in Industry 3651. Industry 3671 was formerly part of old Industry 3662.	37.0	89	96	(NA)	(NA)	(NA)
3672	<u>Cathode Ray Picture Tubes</u> Establishments primarily engaged in manufacturing television receiving type cathode ray tubes. Establishments primarily engaged in manufacturing other radio and television receiving type electron tubes are classified in Industry 3671; and transmitting tubes in Industry 3673. Industry 3672 was formerly part of old Industry 3662.	8.6	96	84	(NA)	(NA)	(NA)
3673	<u>Transmitting, Industrial, and Special Purpose Electron Tubes</u> Establishments primarily engaged in manufacturing transmitting, industrial, and special purpose electron tubes. Establishments primarily engaged in manufacturing radio and television transmitting equipment are classified in Industry 3662; radio and television receiving tubes in Industry 3671; television receiving type cathode ray tubes in Industry 3672; and X-ray tubes in Industry 3693. Industry 3673 was formerly part of old Industry 3662.	20.1	83	81	(NA)	(NA)	(NA)
3679	<u>Electronic Components and Accessories, n.e.c.</u> Establishments primarily engaged in manufacturing specialty resistors for electronic end products; solid state electronic devices and similar devices; inductors; electronic transformers, and capacitors; and other electronic components, n.e.c. Establishments primarily engaged in manufacturing resistors, inductors, and transformers for telephone and telegraph apparatus are classified in Industry 3661; and electric lamps in Industry 3641. Industry 3679 was formerly part of old Industry 3661 and old Industry 3662. In addition, connectors for electronic applications formerly classified in this industry are now considered primary to Industry 3643, Current Carrying Wiring Devices.	132.2	88	82	(NA)	(NA)	(NA)
369	Miscellaneous electrical machinery equipment and supplies.....	78.4	(NA)	(NA)	88.4	(NA)	(NA)
3691	<u>Storage Batteries</u> Establishments primarily engaged in the manufacture of storage batteries for automobiles, trucks, farm tractors and busses as well as storage batteries for farm uses, communications systems and railroad equipment. Parts for storage batteries are also included in this industry.	14.9	99	100	15.7	100	100
3692	<u>Primary Batteries, Dry and Wet</u> Establishments primarily engaged in the manufacture of dry and wet cell primary batteries for flashlights, railroad lanterns, hearing aids, portable radios, farm radios, and general purposes as well as parts and supplies for primary batteries.	8.1	99	98	10.8	98	98
3693	<u>Radiographic X-ray, Fluoroscopic X-ray, Therapeutic X-ray, and Other X-ray Apparatus and Tubes</u> Establishments primarily engaged in manufacturing radiographic X-ray, fluoroscopic X-ray, and therapeutic X-ray apparatus and tubes for medical, industrial, research and control applications. Establishments primarily engaged in manufacturing radio receiving type tubes are classified in Industry 3671; television receiving cathode ray tubes in Industry 3672; transmitting tubes in Industry 3673; and electrotherapeutic lamp units for ultra-violet and infra-red radiation in Industry 3641.	5.3	84	82	7.1	81	91
3694	<u>Electrical Equipment for Internal Combustion Engines</u> Establishments primarily engaged in manufacturing electrical equipment for internal combustion engines. Important products of this industry include starting motors and generators for automobiles and aircraft; and ignition apparatus for internal combustion engines, including spark plugs, magnetos, coils, and distributors. This industry was changed to code number 3694 from code number 3641 in the previous classification system.	39.8	87	84	46.3	85	87
3699	<u>Electrical Machinery, Equipment, and Supplies, n.e.c.</u> Establishments primarily engaged in manufacturing electrical machinery, equipment and supplies, n.e.c. The definition of this industry was significantly revised in comparison with the previous definition by the transfer of electrical hearing aids to Industry 3842, Surgical Appliances and Supplies.	10.3	91	454	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
37	TRANSPORTATION EQUIPMENT						
	This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and horse drawn vehicles.						
371	Motor vehicles and motor vehicle equipment.....	577.2	(NA)	(NA)	696.4	96	98
3713	<u>Truck and Bus Bodies</u> Establishments primarily engaged in the manufacture of truck and bus bodies, for sale separately or for assembly on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and busses are classified in Industry 3717, Motor Vehicles and Parts, and stamped body parts for trucks and busses in Industry 3461, Metal Stampings.	20.0	87	87	19.6	86	87
3715	<u>Truck Trailers</u> Establishments primarily engaged in the manufacture of truck trailers and truck trailer chassis for sale separately, but not engaged in manufacturing complete trucks and busses. Establishments primarily engaged in manufacturing trailer bodies are classified in Industry 3713, Truck and Bus Bodies. Those primarily engaged in manufacturing passenger car trailers are classified in Industry 3799, Transportation Equipment, n.e.c.; and those primarily engaged in manufacturing trailer coaches are classified in Industry 3791, Trailer Coaches.	15.7	84	93	16.4	82	93
3717	(Census Code)—Motor Vehicles and Parts (S.I.C. Codes 3711, 3712, and 3714)..... Establishments primarily engaged in manufacturing or assembling passenger automobiles, trucks, commercial cars and busses (except trackless trolleys, Industry 3742), and special purpose motor vehicles such as ambulances, fire engines, taxicabs, scout cars, personnel carriers, amphibian motor vehicles, and selected parts and accessories for motor vehicles. Establishments primarily engaged in manufacturing motor vehicles on purchased chassis (ambulances, fire engines, etc.) are classified in Industry 3713, Truck and Bus Bodies. In the 1958 Census of Manufactures, as in 1954, the three Standard Industrial Classification Industries (3711, 3712, and 3714) have been combined because of a major problem of defining the reporting unit in terms of these industries. This difficulty arises from the fact that many large establishments have integrated operations which include the production of parts or bodies and the assembly of complete vehicles at the same location. Included in Industry 3717 are such parts as passenger-car bodies, motor vehicle engines (except Diesel), brakes, clutches, axles, radiators, differentials, transmissions, wheels and frames, windshield wipers, automotive bumpers, camshafts, connecting rods, crankshaft assemblies, cylinder heads, drive shafts, exhaust systems, fuel systems, heaters, hoods, horns, instrument board assemblies, lubrication systems, mufflers, power-transmission equipment, rear-axle housings, shock absorbers, steering mechanisms, universal joints, wheel rims, windshield frames, and automobile accessories, n.e.c. A considerable number of components, parts, and accessories for motor vehicles are not classified in Industry 3717 but are classified in other Standard Industrial Classification industries based on the characteristic of the product itself rather than the use to which it is put. Among the more important of these are automotive hardware, Industry 3429, Hardware, n.e.c.; automotive stampings, Industry 3461, Metal Stampings; Diesel and semi-Diesel engines, Industry 3519, Internal Combustion Engines; sealed beam and other electric lamps, Industry 3641, Electric Lamps (Bulbs); motor vehicle lighting fixtures, Industry 3642, Lighting Fixtures; tire and inner tubes, Industry 3011, Tires and Inner Tubes; automobile glass, Industry 3211, Flat Glass; ignition equipment such as spark plugs, distributors, switches, ignition coils, generators, cranking motors, etc., Industry 3694, Engine Electrical Equipment; storage batteries, Industry 3691, Storage Batteries; automobile radios, Industry 3651, Radio and TV Receiving Sets; and carburetors and pistons, Industry 3599, Machine Shops. The definition of this industry was slightly changed in comparison with the previous definition. Rebuilt motor vehicle engines and parts (except carburetors), automobile, truck and bus bearings, formerly classified in Industries 3599, Machine Shops and 3566, Power Transmission Equipment, respectively, are now included in Industry 3717, Motor Vehicles and Parts.	541.5	690	(⁸)	649.3	(NA)	(NA)
372	Aircraft and Parts.....	765.5	(NA)	(NA)	822.5	96	95
3721	<u>Aircraft</u> Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry includes establishments primarily engaged in factory type aircraft modification on a contract or fee basis. Establishments primarily engaged in manufacturing engines, propellers, and other aircraft parts and auxiliary equipment are classified in Industries 3722, 3723, and 3729. In the 1958 Census, an establishment manufacturing complete aircraft was classified in Industry 3721, Aircraft, if its value of work done on aircraft exceeded its value of shipments of any other single industry's products. In the 1954 Census, any establishment manufacturing at least one complete aircraft was classified in Industry 3721.	377.4	1481	1493	457.6	1489	1499

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-59

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
37	TRANSPORTATION EQUIPMENT—Continued						
372	Aircraft and parts—Continued						
3722	Aircraft Engines and Engine Parts..... Establishments primarily engaged in manufacturing aircraft engines and engine parts.	159.1	94	93	167.4	93	91
3723	Aircraft Propellers and Propeller Parts..... Establishments primarily engaged in manufacturing aircraft propellers and propeller parts.	15.5	75	95	16.5	84	87
3729	Aircraft Parts and Auxiliary Equipment, n.e.c..... Establishments primarily engaged in manufacturing aircraft parts and auxiliary equip- ment, n.e.c. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in Industry 3721, aircraft engines and parts in Industry 3722, propellers and propeller parts in Industry 3723, aeronautical instruments in Industry 3811, and aeronautical electrical equipment in Industry 3694. The definition of this industry was significantly changed in comparison with the previ- ous definition. Parachutes, formerly classified in this industry, are now classified in Industry 2399, Textile Products, n.e.c. Aircraft and related engine and power take-off gears, formerly classified in old Industry 3566, Power-Transmission Equip- ment, are now classified in this industry as are guided missile components, n.e.c. and receipts from research and development on such components.	213.5	84	63	(NA)	(NA)	(NA)
373	Ship and boat building and repairing.....	144.4	(NA)	(NA)	126.4	94	98
3731	Ship Building and Repairing..... Establishments primarily engaged in building and repairing all types of ships, barges, canal boats and lighters, whether propelled by sail or motor power or towed by other craft. This industry also included the conversion and reconversion of ships. Estab- lishments primarily engaged in fabricating structural assemblies or components for ships or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installations, etc. are not classified in this industry.	119.1	93	99	109.5	92	99
3732	Boat Building and Repairing..... Establishments primarily engaged in building and repairing of boats, except rubber boats (Industry 3069). Establishments primarily engaged in cleaning and storing boats and the rental of dock space, and yacht clubs are classified in nonmanufacturing in- dustries.	25.3	93	95	16.9	93	85
374	Railroad equipment.....	39.6	(NA)	(NA)	51.6	83	90
3741	Locomotives and Parts..... Establishments primarily engaged in building and rebuilding locomotives (including frames and parts, n.e.c.) of any type or gauge. Railroad shops rebuilding and repair- ing locomotives, or building new locomotives, are classified in Major Group 40.	15.3	85	90	20.9	82	95
3742	Railroad and Street Cars..... Establishments primarily engaged in building and rebuilding railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger ser- vice. This industry also includes establishments primarily engaged in manufacturing trackless trolley busses. Establishments primarily engaged in manufacturing mining cars are classified in Industry 3532. Repair shops owned and operated by railroad or local transit companies, rebuilding or repairing cars, or building new cars for their own account, are classified in Major Groups 40 and 41.	24.3	87	90	30.7	83	86
375	Motorcycles, bicycles, and parts.....	7.6	84	93	7.1	86	92
3751	Motorcycles, Bicycles, and Parts..... Establishments primarily engaged in manufacturing motorcycles, bicycles, and similar equipment and parts. Establishments primarily engaged in assembling motorcycles or bicycles from purchased parts are also included in this industry. Establishments primarily engaged in manufacturing children's vehicles, except bicycles, are classi- fied in Industry 3943.	7.6	84	93	7.1	86	92
379	Miscellaneous transportation equipment.....	23.5	(NA)	(NA)	12.8	(NA)	(NA)
3791	Trailer Coaches..... Establishments primarily engaged in manufacturing trailer coaches (mobile dwellings) for attachment to passenger cars. This industry was changed to code number 3791 from code number 3716 in the previous classification system and was significantly changed in definition. Boat trailers, and other automobile trailers except trailer coaches, and chassis for automobile trailers, sold separately, formerly classified in this industry are now considered primary to Industry 3799, Transportation Equipment, n.e.c.	18.7	99	99	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
37	TRANSPORTATION EQUIPMENT—Continued						
379	Miscellaneous transportation equipment—Continued						
3799	Transportation Equipment, n.e.c. Establishments primarily engaged in manufacturing transportation equipment, n.e.c. Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers are classified in Industry 3537, and children's vehicles, except bicycles, in Industry 3943. The definition of this industry was significantly changed in comparison with the previous definition. Boat trailers, and other automobile trailers except trailer coaches, and chassis for automobile trailers, sold separately, formerly classified in old Industry 3716, Automobile Trailers are now classified in this industry.	4.8	86	73	(NA)	(NA)	(NA)
38	PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS This major group includes establishments engaged in manufacturing mechanical measuring, engineering, laboratory, and scientific research instruments; optical instruments and lenses; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities and characteristics are classified in Industry 3611.						
381	Engineering, laboratory, and scientific and research instruments and associated equipment.....	67.5	83	74	(NA)	(NA)	(NA)
3811	Engineering, Laboratory, and Scientific and Research Instruments and Associated Equipment. Establishments primarily engaged in manufacturing laboratory, scientific, and engineering instruments such as nautical, navigational, aeronautical, surveying, drafting, and instruments for laboratory work and scientific research (except optical instruments—Industry 3831). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in Industry 3841; dental instruments and equipment in Industry 3843; mechanical measuring and controlling instruments in Industry 3821; machinists' precision measuring tools in Industry 3545; instruments for indicating, measuring, and recording electrical quantities and characteristics in Industry 3611; watches and clocks in Industry 3871; measuring and dispensing pumps in Industry 3586. The definition of this industry was significantly changed in comparison with the previous definition. Laboratory precision balances formerly classified in Industry 3576, Scales and Balances; and laboratory furniture, including wood and metal cabinets and cases, and other laboratory furniture such as tables, stools, reagent shelves, etc., formerly classified in Industry 2532, Professional Furniture, are now included in this industry.	67.5	83	74	(NA)	(NA)	(NA)
382	Instruments for measuring, controlling, and indicating physical characteristics....	75.6	(NA)	(NA)	69.4	87	79
3821	Mechanical Measuring and Controlling Instruments, Except Automatic Temperature Controls... Establishments primarily engaged in manufacturing industrial process instruments, for indicating, recording, measuring and controlling temperature (except automatic temperature controls—Industry 3822), pressure and vacuum, fluid flow and liquid level, mechanical motion, rotation, humidity, density, acidity, alkalinity and combustion; dial pressure gauges; physical property testing apparatus such as hardness, tension, compression, torsion, ductility, elasticity testing apparatus. The definition of this industry was significantly changed in comparison with the previous definition. Automatic temperature controls, formerly classified in this industry, are now considered primary to Industry 3822, Automatic Temperature Controls; and revolution counters, formerly classified in Industry 3571, Computing and Related Machines, are included in this industry.	50.0	86	76	(NA)	(NA)	(NA)
3822	Automatic Temperature Controls..... Establishments primarily engaged in manufacturing automatic temperature controls activated by pressure, temperature, level, flow, time, or humidity (including pneumatic controls) of the type principally used as components of household apparatus. Establishments primarily engaged in manufacturing industrial electric controls are classified in Industry 3622. This is a new industry classification, the products of which were formerly classified in old Industry 3821, Mechanical Measuring Instruments.	25.5	88	94	(NA)	(NA)	(NA)
383	Optical instruments and lenses.....	7.2	90	66	8.7	91	59
3831	Optical Instruments and Lenses..... Establishments primarily engaged in the production of optical lenses and prisms, and in manufacturing optical instruments such as microscopes, telescopes, field and opera glasses; and optical measuring and testing instruments such as refractometers, spectrometers, spectroscopes, colorimeters, polariscopes. Establishments primarily engaged in manufacturing eyeglass lenses, frames, or fittings are classified in Industry 3851; and those engaged in manufacturing sighting and fire control instruments, but not engaged in manufacturing optical components, in Industry 1941.	7.2	90	66	8.7	91	59

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-61

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
38	PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES AND CLOCKS—Continued						
384	Surgical, medical, and dental instruments and supplies.....	41.7	(NA)	(NA)	(NA)	(NA)	(NA)
3841	Surgical and Medical Instruments and Apparatus..... Establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in Industry 3842; and electrotherapeutic, electromedical, and X-ray apparatus in Industry 3693. The definition of this industry was significantly changed in comparison with the previous definition. Operating room furniture and other hospital furniture, formerly classified in Industry 2532, Professional Furniture, are now included in this industry.	10.3	83	76	(NA)	(NA)	(NA)
3842	Orthopedic, Prosthetic and Surgical Appliances and Supplies..... Establishments primarily engaged in manufacturing orthopedic, prosthetic, and surgical appliances and supplies, arch supports, and other foot appliances; fracture appliances, elastic hosiery, abdominal supporters, braces, and trusses; bandages; surgical gauze and dressings; sutures; adhesive tapes and medicated plasters; and personal safety appliances and equipment. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in Industry 3841. Establishments primarily engaged in manufacturing appliances and in the personal fitting to the individual prescription of a physician are classified in trade industries. The definition of this industry was significantly changed in comparison with the previous definition. Sanitary napkins and tampons, formerly classified in this industry, are now considered primary to Industry 2649, Paper and Board Products, n.e.c. Surgical corsets, formerly classified in Industry 2342, Corsets and Allied Garments; and electrical hearing aids, formerly classified in Industry 3699, Electrical Products, n.e.c., are now classified in this industry.	24.2	84	90	(NA)	(NA)	(NA)
3843	Dental Equipment and Supplies..... Establishments primarily engaged in manufacturing artificial teeth, dental metals, alloys and amalgams, and a wide variety of equipment, instruments, and supplies used by dentists, dental laboratories, and dental colleges. Dental laboratories constructing artificial dentures, bridges, inlays and other dental restorations on specifications from dentists are classified in service industries.	7.2	95	92	7.1	95	94
385	Ophthalmic goods.....	18.2	87	98	18.5	83	94
3851	Ophthalmic goods..... Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sunglass lenses. Establishments primarily engaged in manufacturing slit lamps are classified in Industry 3841, and molded glass blanks in Industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in trade industries.	18.2	87	98	18.5	83	94
386	Photographic equipment and supplies.....	60.3	94	94	63.0	88	96
3861	Photographic Equipment and Supplies..... Establishments primarily engaged in manufacturing (1) photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; and other photographic equipment; and (2) sensitized film, paper, cloth, and plates, and prepared photographic chemicals for use therewith. Establishments primarily engaged in manufacturing photographic paper stock (unsensitized); and paper mats, mounts, easels and folders for photographic use are classified in Major Group 26; photographic lenses in Industry 3831; photographic glass in Major Group 32; chemicals for technical purposes, not specifically prepared and packaged for use in photography, in Major Group 28; and photographic flash, flood, enlarger and projection lamps in Industry 3641.	60.3	94	94	63.0	88	96
387	Watches, clocks, clockwork operated devices, and parts.....	26.2	(NA)	(NA)	29.5	82	90
3871	Watches, Clocks, and Parts Except Watchcases..... Establishments primarily engaged in manufacturing clocks (including electric), watches, mechanisms for clockwork operated devices, and clock and watch parts. This industry includes establishments primarily engaged in assembling clocks and watches from purchased movements and cases. Establishments primarily engaged in manufacturing watchcases are classified in Industry 3872, glass crystals in Industry 3231, and unbreakable crystals in Industry 3079.	23.5	88	95	25.7	82	90
3872	Watchcases..... Establishments primarily engaged in the manufacture of watchcases, for sale as such. Establishments primarily engaged in assembling complete watches by assembling purchased movements with watchcases of their own manufacture are classified in Industry 3871.	2.7	80	98	3.8	86	85

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
39	MISCELLANEOUS MANUFACTURING INDUSTRIES						
	This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories; jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; morticians' goods, and other miscellaneous manufacturing industries.						
391	Jewelry, silverware, and plated ware.....	41.9	(NA)	(NA)	47.9	93	96
3911	Jewelry, Precious Metal.....	21.0	95	97	23.5	93	96
	Establishments primarily engaged in manufacturing jewelry and other articles, worn on or carried about the person, made of precious metals with or without stones (including the setting of stones where stones are used), including cigarette cases and lighters, vanity cases and compacts; trimmings for umbrellas and canes; and jewel settings and mountings. Establishments primarily engaged in manufacturing costume jewelry from nonprecious metals and other materials are classified in Industry 3961.						
3912	Jewelers' Findings and Materials.....	5.1	89	96	5.4	92	91
	Establishments primarily engaged in manufacturing unassembled jewelry parts, and stock shop products such as sheet, wire and tubing. Establishments primarily engaged in lapidary work are classified in Industry 3913.						
3913	Lapidary Work and Cutting and Polishing of Diamonds.....	1.9	99	90	1.8	97	91
	Establishments primarily engaged in all types of lapidary work, and cutting and polishing diamonds. This industry also includes establishments primarily engaged in cutting and polishing other precious stones; recutting and setting stones; preparing jewels for instruments, tools, and for watches and chronometers; and preparing real and imitation stones for settings.						
3914	Silverware and Plated Ware.....	13.9	95	98	17.3	91	97
	Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollow ware, toilet ware, ecclesiastical ware, and related products made of sterling silver; of metal plated with silver, gold, or other metal; of nickel silver; or of pewter; or of stainless steel. "Flatware" is defined for purposes of the census as all knives, forks, spoons, etc., made wholly of metal, including stainless steel knives, forks, and spoons, and carving sets with metal handles. Knives, forks, spoons, etc., with handles of materials other than metal are included in Industry 3421, Cutlery.						
393	Musical instruments and parts.....	17.5	(NA)	(NA)	15.4	96	96
3931	Musical Instruments and Parts.....	17.5	96	94	15.4	96	96
	Establishments primarily engaged in manufacturing pianos, with or without player attachments; organs; other musical instruments; and parts and materials for musical instruments. This is a new industry classification composed of the following old industries: 3931, Pianos; 3932, Organs; 3933, Piano and Organ Parts; 3939, Musical Instruments, n.e.c.						
394	Toys, amusement, sporting and athletic goods.....	98.7	(NA)	(NA)	88.6	93	91
3941	Games and Toys, Except Dolls and Children's Vehicles.....	43.0	93	92	38.2	95	89
	Establishments primarily engaged in manufacturing indoor games and game sets for adults and children, and mechanical and nonmechanical toys. Important products of this industry include games such as chess, checkers, dominoes, puzzles, and other indoor games; and toys, such as toy furniture, doll carriages and carts, construction sets, mechanical trains, toy guns and air rifles, and other mechanical games and toys. Establishments primarily engaged in manufacturing dolls are classified in Industry 3942; children's outdoor wheel goods and vehicles, except bicycles, in Industry 3943; and sporting and athletic goods for children and adults in Industry 3949.						
3942	Dolls.....	13.9	98	94	15.1	92	97
	Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing. Establishments primarily engaged in manufacturing stuffed toy animals are also included in this industry.						
3943	Children's Vehicles, Except Bicycles.....	4.7	84	78	6.3	76	90
	Establishments primarily engaged in manufacturing baby carriages, strollers, and go-carts; children's velocipedes and tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles (Industry 3751).						
3949	Sporting and Athletic Goods, n.e.c.....	37.2	88	91	28.9	90	86
	Establishments primarily engaged in manufacturing sporting and athletic goods, n.e.c., such as fishing tackle; golf and tennis goods; baseball, football, basketball, and boxing equipment; roller skates and ice skates; gymnasium and playground equipment; billiard and pool tables; and bowling alleys and equipment. Establishments primarily engaged in manufacturing athletic apparel are classified in Major Group 23, small arms ammunition in Industry 1961 and firearms in Industry 1951.						

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-63

Code	Industry title and description	1958			1954		
		All employ- ees ¹	Industry ratio (percent)		All employ- ees ¹	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
		(1,000)			(1,000)		
39	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued						
395	Pens, pencils, and other office and artists' materials.....	29.1	(NA)	(NA)	28.2	(NA)	(NA)
3951	<u>Pens, Pen Points, Fountain Pens, Ball Point Pens, Mechanical Pencils and Parts.....</u> Establishments primarily engaged in manufacturing pens, pen points, fountain pens, ball point pens, refill cartridges, and parts for pens and mechanical pencils. The definition of this industry was slightly changed from the previous definition. Refill ink cartridges for ball point pens, formerly classified in Industry 2899, Chemical Preparations, n.e.c., are now included in this industry.	11.2	93	93	10.9	89	95
3952	<u>Lead Pencils, Crayons, and Artists' Materials.....</u> Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; materials and equipment for art work such as airbrushes, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors and waxes, pyrography goods, drawing inks, and drafting materials. Establishments primarily engaged in manufacturing mechanical pencils are classified in Industry 3951, and drafting instruments in Industry 3811. The definition of this industry was significantly changed from the previous definition. Art goods, formerly classified in Industry 3954, Artists' Materials, are now included in this industry.	6.7	88	92	6.9	(NA)	(NA)
3953	<u>Marking Devices.....</u> Establishments primarily engaged in manufacturing rubber and metal hand stamps, dies, and seals; steel letters and figures; and stencils for use in painting or marking.	5.4	96	86	5.7	90	89
3955	<u>Carbon Paper and Inked Ribbons.....</u> Establishments primarily engaged in manufacturing carbon paper for business machines, sales books, etc.; spirit or gelatin process and other stencil paper; and inked ribbons for business machines.	5.8	91	89	4.7	93	83
396	Costume jewelry, costume novelties, buttons, and miscellaneous notions, except precious metal.....	56.3	(NA)	(NA)	66.7	91	94
3961	<u>Costume Jewelry and Costume Novelties, Except Precious Metal.....</u> Establishments primarily engaged in manufacturing costume jewelry, costume novelties, and ornaments made of all materials, except precious metal, precious or semiprecious stones, and rolled gold plate and gold filled materials (Industry 3911). The definition of this industry was changed slightly from the previous definition. Compacts and vanity cases, except precious metal, formerly classified in Industry 3986, Jewelry and Instrument Cases, are now included in this industry.	25.3	95	96	27.7	95	95
3962	<u>Feathers, Plumes, and Artificial Flowers.....</u> Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage made from all materials except glass (Industry 3231); in producing fancy feathers, plumes, and articles made principally of feathers and plumes; and curling, dyeing, and renovating ostrich feathers for the trade.	6.8	98	98	7.3	97	98
3963	<u>Buttons.....</u> Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (Industry 3911).	6.5	98	88	8.5	92	89
3964	<u>Needles, Pins, Hooks and Eyes, and Similar Notions.....</u> Establishments primarily engaged in manufacturing notions, such as machine and hand needles, pins, hooks and eyes, eyelets, buckles, and slide and snap fasteners.	17.8	93	89	23.2	82	91
398 399 19	Miscellaneous manufacturing industries.....	328.1	(NA)	(NA)	358.2	(NA)	(NA)
3981	<u>Brooms and Brushes.....</u> Establishments primarily engaged in manufacturing household, industrial, and street sweeping brooms; and brushes such as paint brushes, toothbrushes, toilet brushes, and household and industrial brushes.	17.1	89	94	16.8	91	92
3982	<u>Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, n.e.c.....</u> Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base, and other hard surface floor coverings, n.e.c. Establishments primarily engaged in manufacturing rubber floor coverings are classified in Industry 3069, and cork floor and wall tile in Industry 2499. Also excluded are establishments primarily engaged in manufacturing unsupported plastic floor coverings (Industry 3079), and asphalt tile and vinyl asbestos floor tile (Industry 3292). This industry was changed to code number 3982 from code number 2274 in the previous classification system but was only slightly changed as to content. Cork floor and wall tile, previously classified in this industry are now classified in Industry 2499, Wood Products, n.e.c.	8.0	84	98	9.6	85	97
3983	<u>Matches.....</u> Establishments primarily engaged in manufacturing matches, regardless of the material used.	5.1	(D)	(D)	6.2	100	98

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
39	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued						
398 399 19	Miscellaneous manufacturing industries—Continued						
3984	Candles..... Establishments primarily engaged in manufacturing candles from fatty acids, or from mineral and animal waxes.	2.5	94	95	3.0	87	93
3987	Lamp Shades..... Establishments primarily engaged in manufacturing lamp shades of all materials except glass (Industry 3229), and metal (Industry 3642).	3.9	97	97	5.0	93	96
3988	Morticians' Goods..... Establishments primarily engaged in manufacturing caskets, coffins, burial cases, and coffin shipping cases, whether of wood or other material, except concrete (Industry 3272); morticians' supplies and accessories, such as burial garments, gloves, slippers, casket linings, and embalming fluids; and morticians' paraphernalia and equipment.	17.4	95	99	16.7	97	97
3992	Furs, Dressed and Dyed..... Establishments primarily engaged in scraping, currying, tanning, bleaching, and dyeing pelts.	2.7	(13)	(13)	3.5	(13)	(13)
3993	Signs and Advertising Displays..... Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs and advertising novelties. Sign painting shops doing business on a custom basis are classified in service industries. Establishments primarily engaged in manufacturing electric signal equipment are classified in Industry 3662, and lighting fixtures in Industry 3642.	36.2	95	95	33.6	93	92
3995	Umbrellas, Parasols, and Canes..... Establishments primarily engaged in manufacturing umbrellas, parasols, canes; and trimmings, frames, handles, and other parts.	2.9	96	95	3.2	95	92
3999	Manufacturing Industries, n.e.c..... Establishments primarily engaged in manufacturing miscellaneous fabricated products, including fire extinguishers; beauty shop and barber shop equipment; hair work; tobacco pipes and cigarette holders; coin operated amusement machines; and many other articles, n.e.c. The definition of this industry was significantly changed in comparison with the previous definition. Pin ball machines, and bell type machines and consoles; and other amusement machines, including strength testing, skill games, and other arcade pieces, formerly classified in Industry 3579, Office and Store Machines, n.e.c.; beauty and barber shop equipment, formerly classified in Industry 3991, Beauty and Barber Shop Equipment; hairwork, switches, toupees, wigs, formerly classified in Industry 3994, Hairwork; and tobacco pipes and cigarette holders, formerly classified in Industry 3996, Tobacco Pipes, are now included in this industry.	27.3	92	87	(NA)	(NA)	(NA)
19	ORDNANCE AND ACCESSORIES						
	This major group includes establishments engaged in manufacturing artillery, small arms, and related equipment; ammunition; complete guided missiles; tanks and specialized tank parts; sighting and fire control equipment; and miscellaneous ordnance and accessories, n.e.c.						
191	Guns, howitzers, mortars, and related equipment.....	0.3	(NA)	(NA)	(NA)	(NA)	(NA)
1911	Guns, Howitzers, Mortars, and Related Equipment..... Establishments primarily engaged in manufacturing naval, aircraft, antiaircraft, tank, coast and field artillery having a bore over 30 mm (or over 1.18 inch) and components. Establishments primarily engaged in manufacturing small arms and parts 30 mm (or 1.18 inch) and below are classified in Industry 1951.	0.3	(NA)	(NA)	(NA)	(NA)	(NA)
192	Ammunition, except for small arms; guided missiles.....	119.8	(NA)	(NA)	(NA)	(NA)	(NA)
1921	Artillery Ammunition..... Establishments primarily engaged in manufacturing ammunition over 30 mm (or over 1.18 inch) for naval, aircraft, antiaircraft, tank, coast and field artillery, including component parts. Establishments primarily engaged in manufacturing small arms ammunition are classified in Industry 1961 and explosives in Industry 2892.	4.0	81	51	(NA)	(NA)	(NA)
1922	Ammunition Loading and Assembling..... Establishments primarily engaged in loading and assembling ammunition over 30 mm (or 1.18 inch).	1.2	(NA)	(NA)	(NA)	(NA)	(NA)
1925	(Census Code)—Guided Missiles, Complete (part of S.I.C. Code 1929)..... Establishments primarily engaged in manufacturing complete guided missiles and in doing research and development on complete guided missiles. Establishments engaged in manufacturing guided missile components and in doing research and development on guided missile components are classified in Industry 3729.	108.4	74	83	(NA)	(NA)	(NA)

See footnotes at end of table.

APPENDIX B.—INDUSTRY DESCRIPTIONS

B-65

Code	Industry title and description	1958			1954		
		All employ- ees ¹ (1,000)	Industry ratio (percent)		All employ- ees ¹ (1,000)	Industry ratio (percent)	
			Spe- cial- iza- tion ²	Cover- age ³		Spe- cial- iza- tion ²	Cover- age ³
19	ORDNANCE AND ACCESSORIES—Continued						
192	Ammunition, except for small arms; guided missiles—Continued						
1929	Ammunition, n.e.c. Establishments primarily engaged in manufacturing ammunition, n.e.c., including bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their component parts. Establishments primarily engaged in manufacturing military pyrotechnics are classified in Industry 2899.	6.1	80	58	(NA)	(NA)	(NA)
193	Tanks and tank components.	7.1	89	84	(NA)	(NA)	(NA)
1931	Tanks and Tank Components. Establishments primarily engaged in manufacturing or assembling complete tanks, and specialized components for tanks. Establishments primarily engaged in manufacturing military vehicles other than tanks are classified in Group 371 and tank engines in Industry 3519.	7.1	89	84	(NA)	(NA)	(NA)
194	Sighting and fire control equipment.	45.5	65	91	(NA)	(NA)	(NA)
1941	Sighting and Fire Control Equipment. Establishments primarily engaged in manufacturing sighting and fire control equipment, but which are not engaged in manufacturing optical lenses and prisms. Important products of this industry include bomb sights, gun data computers, percentage correctors, wind correctors, directors and sound locators. Establishments engaged in manufacturing optical lenses and prisms and also manufacturing sighting and fire control equipment are classified in Industry 3831.	45.5	65	91	(NA)	(NA)	(NA)
195	Small arms.	8.0	91	81	(NA)	(NA)	(NA)
1951	Small Arms. Establishments primarily engaged in manufacturing small firearms having a bore 30 mm (or 1.18 inch) and below, and parts for small firearms. Establishments primarily engaged in manufacturing artillery and mortars having a bore over 30 mm (or over 1.18 inch), and component parts are classified in Industry 1911.	8.0	91	81	(NA)	(NA)	(NA)
196	Small arms ammunition.	9.0	(15)	94	(NA)	(NA)	(NA)
1961	Small Arms Ammunition. Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 30 mm (or 1.18 inch) and below. Establishments primarily engaged in manufacturing ammunition except for small arms are classified in Group 192; blasting and detonating caps, and safety fuses in Industry 2892; and fireworks in Industry 2899.	9.0	(15)	94	(NA)	(NA)	(NA)
199	Ordnance and accessories, n.e.c.	15.3	(NA)	(NA)			
1999	Ordnance and Accessories, n.e.c. This industry comprises establishments primarily engaged in manufacturing ordnance and accessories, n.e.c.	15.3	(NA)	(NA)			

NA Not available.

(D) Withheld to avoid disclosing data for individual companies.

¹For 1958, all employee figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August, and November, plus all nonproduction personnel for the payroll period ended nearest the 15th of March. For 1954, the figures represent the average of all employees for these four specified payroll periods.

Comparability of 1954 figures shown for an industry with figures for 1958 is affected to a minor extent where the industry description indicates that its definition was revised. Where a substantial degree of noncomparability resulted from a revision in definition, 1954 figures are not shown.

1954 employment may be shown for a 3-digit group even where one or more of the 4-digit industry employment figures is withheld for lack of comparability, if it was felt that the definition of the 3-digit group nevertheless was substantially comparable between 1954 and 1958.

²Ratio of value of primary products shipped by the industry to total product shipments (primary plus secondary) by the industry. (Also see second paragraph of Footnote 1.)

³Ratio of value of primary products shipped by the industry to total shipments of these products by all manufacturing industries. (Also see second paragraph of Footnote 1.)

⁴The coverage ratio is relatively low owing to the fact that some or all of the primary products of the industry are also primary to other industries. (See industry description.) The coverage ratio would be higher if the numerator of the computation also included shipments of these products by the other industries to which they are primary.

⁵Specialization ratio is based on percentage of value of primary products to total shipments, including primary products, secondary products, and miscellaneous receipts (contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.).

⁶The value of shipments of the industry contains a substantial amount of duplication. The ratios shown are based on estimates of unduplicated totals and are generally minimum percentages.

⁷Percentages are based on figures containing a substantial amount of duplication.

⁸Ratios are not shown because of substantial duplication in value of shipments for which estimates are not available.

⁹Data for 1954 include both woven and knit swimwear and athletic shorts, although only the knit portion is primary to Industry 2253. However, for the purpose of calculating the specialization and coverage ratios, only the knit portion was included. In 1958 woven fabric swimwear was classified in the appropriate apparel industry, in Major Group 23.

¹⁰Over 90 percent.

¹¹This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

¹²Over 84 percent.

¹³Relationships not meaningful because of the predominance of miscellaneous receipts for contract and commission work on materials owned by others.

¹⁴The substantial difference between 1954 and 1958 in the specialization and coverage ratios for Industry 3721 is largely due to a difference in the basis of assigning establishments to this industry. In 1958, an establishment manufacturing complete aircraft was classified in Industry 3721 if its value of work done on aircraft exceeded its value of shipments of any other single industry's products. In 1954, any establishment manufacturing at least one complete aircraft was classified in this industry.

¹⁵Between 85 and 99 percent.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW STANDARD INDUSTRIAL CLASSIFICATION COMPARED WITH THE OLD SIC

A. "Bridge" between the old and new Standard Industrial Classification

The 1958 Census of Manufactures covered all establishments primarily engaged in manufacturing as defined in the revised edition of the *Standard Industrial Classification Manual* issued by the Bureau of the Budget in 1957. In this revision, extensive modifications of industry definitions were made in some parts of the manufacturing sector. Each establishment report processed in the 1958 Census of Manufactures was classified and tabulated first on the basis of the old SIC industry definitions and then on the basis of the new SIC definitions. The preliminary reports previously issued were tabulated on the old SIC. The final reports of the 1958 Census and the bound volumes contain statistics tabulated according to the new SIC. It should be noted that establishments primarily engaged in activities that have been added to the scope of manufacturing by the new SIC are included in both the old SIC and new SIC tabulations (See below Section B, "Changes in the scope of manufacturing made by the 1957 Standard Industrial Classification").

This appendix provides a "bridge" between the two classification systems by showing how the new SIC industries are related to the old SIC industries. Part 1 gives the derivation of each new SIC 4-digit industry from the old SIC industries in terms of 1958 data. Part 2 is the reverse of Part 1. It shows how each old SIC industry was distributed among the new SIC industries. Additions to the scope of manufacturing, which are listed in Section B below, are included in Part 2 as old SIC industries even though they represent revisions introduced by the new SIC. Additional information on the nature and effects of revisions in industry definitions resulting from the adoption of the new SIC is provided in Section 5 of the Introduction, in the individual industry reports of Volume II, and in Appendix B, "Industry Descriptions," contained in Volumes I and III.

Part 1 provides the following 1958 data for each new SIC industry: (a) total number of establishments, establishments with more than 20 employees, all employees, and adjusted value added by manufacture, and (b) the contribu-

tion of the various old SIC industries to these totals. For example, new Industry 2015, Poultry dressing plants, has a total of 62,389 employees which was built up as follows: 55,635 were previously classified in old Industry 2015; 1,944 were in old Industry 2033 and were reassigned as a result of the transfer of canned poultry plants; 4,490 came from old Industry 2099 because of the transfer of liquid, dried and frozen egg plants; and 320 were classified in various other industries. Part 2 shows the same statistics on the disposition of each old industry. Thus, the totals for old Industry 2015 are 1,131 plants and 55,635 employees, all of which remained in the industry under the new SIC definition; that is, they were assigned to new Industry 2015.

B. Changes in the scope of manufacturing made by the 1957 Standard Industrial Classification

A number of revisions in the scope of manufacturing were introduced by the 1957 edition of the SIC. Several of these changes, as noted below, had previously been approved as amendments to the 1945 SIC for use in the 1954 Census of Manufactures, and one had already been made for the 1947 Census. The other revisions listed were introduced for the first time in the 1958 Census.

1. Additions to the scope of manufacturing were as follows:

- a. Establishments processing milk (pasteurizing, homogenizing, vitaminizing and bottling)--transferred from trade industries. (Adopted for the 1954 Census.)
- b. Establishments primarily engaged in preparing fresh packaged fish and other seafood--transferred from trade industries. (Adopted for the 1954 Census.)
- c. Apparel and knitting jobbers and leather converters who assign materials to contract factories for fabrication for their account--transferred from trade industries. (Adopted for the 1954 and 1947 Censuses.)
- d. Establishments primarily engaged in producing ready-mixed concrete--transferred from trade industries.
- e. Machine shops solely engaged in repair work--transferred from service trades.

2. Transferred out of manufacturing were the following:

- a. Establishments primarily engaged in retreading or rebuilding tires--transferred to service trades.

- b. Establishments primarily producing wiping rags--transferred to trade industries. (Adopted for the 1954 Census.)

C. Modifications of the 1957 Standard Industrial Classification for the 1958 Census of Manufactures

The following combinations and rearrangements of SIC industries were made for the 1958 Census:

<u>1957 SIC Industry</u>	<u>1958 Census Industry</u>
1929--Ammunition, n.e.c.	{ 1925--Guided Missiles, Complete 1929--Ammunition, n.e.c.
2395--Pleating and Stitching } 2396--Apparel Findings }	2398--Trimmings and Stitching
2541--Wood Partitions and Fixtures } 2542--Metal Partitions and Fixtures }	254--Partitions and Fixtures
2799--Service Industries for the } Printing Trades, n.e.c. }	SIC industry not used because of insignificant activity in the industry. Establishments, if any, included with other printing service industries.
2873--Agricultural Pesticides } 2879--Agricultural Chemicals, n.e.c. }	2873--Agricultural Pesticides
3591--Machine Shops, Jobbing and Repair } 3599--Machinery and Parts, Except Electrical, } n.e.c.	3599--Machine Shops
3619--Electric Transmission and Distribution } Equipment, n.e.c. }	SIC industry not used because of insignificant activity in the industry. Establishments, if any, classified in other industries according to product.
3711--Motor Vehicles } 3712--Passenger Car Bodies } 3714--Motor Vehicles Parts and Accessories }	3717--Motor Vehicles and Parts

EXPLANATORY NOTE

The term "old SIC" as used in the title and tables of this report refers not to the original industry structure of the 1945 edition of the Standard Industrial Classification, but rather to an amended version used in the 1954 Census of Manufactures. These amendments, which were approved by the Bureau of the Budget and are described in detail in Appendix B of the 1954 Census volumes reflect: (1) revisions in industry definitions resulting from the transfer of products from one industry to another; (2) regrouping of industries such as the combination of Industries 3711, 3712, and 3714 into a new classification, Industry 3717; and (3) changes in the scope of manufacturing, for example, the transfer of milk pasteurizing from trade industries to manufacturing. The preliminary reports of the 1958 Census and the old SIC data in this report are based on the 1954 Census of Manufactures industry classifications. In addition, ready-mixed concrete plants and machine shops exclusively engaged in repair work, which were excluded from manufacturing in the 1945 edition of the SIC and from the 1954 Census of Manufactures but were transferred to manufacturing by the new SIC, were also treated as part of the old SIC system in this report and in the 1958 Census preliminary reports.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

C-3

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2011	2011	Meat packing plants.....	2,801	977	200,783	1,746,603
2013	----	Prepared meats.....	1,494	496	48,586	442,058
	2013	Prepared meats.....	1,480	493	48,184	435,995
	----	All other industries ¹	14	3	402	6,063
2015	----	Poultry dressing plants.....	1,233	594	62,389	310,572
	2015	Poultry dressing plants.....	1,131	518	55,635	266,177
	2033	Canned fruits and vegetables.....	14	8	1,944	9,869
	2099	Food preparations, nec.....	79	66	4,490	30,293
	----	All other industries ¹	9	2	320	4,233
2021	2021	Creamery butter.....	1,058	228	17,295	147,207
2022	----	Natural cheese.....	1,203	160	13,461	109,098
	2022	Natural cheese.....	1,195	158	13,351	106,949
	----	All other industries ¹	8	2	110	2,149
2023	----	Condensed and evaporated milk.....	313	202	13,445	202,709
	2023	Concentrated milk.....	289	189	12,091	176,022
	2025	Special dairy products.....	24	13	1,354	26,687
2024	----	Ice cream and frozen desserts.....	1,382	454	34,562	393,037
	2024	Ice cream and ices.....	1,379	453	34,487	392,765
	----	All other industries ¹	3	1	75	272
2025	2025	Special dairy products.....	107	35	3,571	23,923
2026	----	Fluid milk.....	5,816	2,236	211,468	1,990,805
	2027	Fluid milk and other products.....	5,625	2,183	207,519	1,948,476
	2022	Natural cheese.....	95	26	1,854	19,804
	2025	Special dairy products.....	72	7	789	9,975
	----	All other industries ¹	24	20	1,306	12,550
2031	----	Canned and cured seafood.....	333	168	14,713	100,242
	2031	Canned seafood.....	252	142	12,696	87,749
	2032	Cured fish.....	81	26	2,017	12,493
2032	----	Canned specialties.....	107	69	24,186	340,847
	2033	Canned fruits and vegetables.....	100	66	23,986	338,240
	2099	Food preparations, nec.....	7	3	200	2,607
2033	----	Canned fruits and vegetables.....	1,607	913	100,084	808,306
	2033	Canned fruits and vegetables.....	1,523	884	96,906	772,210
	2035	Pickles and sauces.....	84	29	3,178	36,096
2034	2034	Dehydrated fruits and vegetables.....	161	67	7,599	75,529
2035	2035	Pickles and sauces.....	619	205	19,500	164,624
2036	2036	Fresh or frozen packaged fish.....	440	223	17,469	82,368
2037	----	Frozen fruits and vegetables.....	426	263	39,528	323,789
	2037	Frozen fruits and vegetables.....	297	173	25,370	209,444
	2099	Food preparations, nec.....	129	90	14,158	114,345
	----	All other industries ¹				
2041	2041	Flour and meal.....	814	250	28,215	393,053
2042	2042	Prepared animal feeds.....	2,379	715	57,313	798,892
2043	2043	Cereal preparations.....	43	25	10,927	243,088
2044	2044	Rice milling.....	72	51	3,843	53,152
2045	2045	Blended and prepared flour.....	117	30	4,894	118,073
2046	2094	Wet corn milling.....	59	26	13,792	249,435
2051	2051	Bread and related products.....	5,985	2,149	256,963	2,111,820
2052	----	Biscuit and crackers.....	334	203	44,333	522,490
	2052	Biscuit and crackers.....	299	180	42,983	505,618
	2099	Food preparations, nec.....	35	23	1,350	16,872
2061	2061	Raw cane sugar.....	50	44	3,011	21,841
2062	2062	Cane sugar refining.....	28	25	15,213	184,824
2063	2063	Beet sugar.....	66	66	10,324	130,393
2071	----	Confectionery products.....	1,390	421	66,395	511,688
	2071	Confectionery products.....	1,367	411	65,722	507,783
	2099	Food preparations, nec.....	23	10	665	3,905
2072	2072	Chocolate and cocoa products.....	28	25	8,271	135,098
2073	2073	Chewing gum.....	26	15	5,344	102,280
2082	2082	Malt liquors.....	258	224	71,494	1,114,590
2083	2083	Malt.....	46	34	2,404	55,087

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2084	2084	Wines and brandy.....	239	73	5,941	114,242
2085	2085	Distilled liquor, except brandy.....	122	91	20,528	444,831
2086	----	Bottled and canned soft drinks.....	4,362	1,411	96,347	844,688
	2081	Bottled soft drinks.....	4,352	1,406	96,087	840,632
	2033	Canned fruits and vegetables.....	10	5	260	4,056
2087	----	Flavorings.....	531	95	9,483	262,223
	2095	Flavorings.....	527	94	9,446	262,025
	----	All other industries ¹	4	1	37	198
2091	2881	Cottonseed oil mills.....	214	163	8,355	63,587
2092	----	Soybean oil mills.....	117	83	8,095	139,612
	2883	Soybean oil mills.....	98	83	7,985	138,937
	----	All other industries ¹	19	...	110	675
2093	----	Vegetable oil mills, nec.....	46	20	2,252	42,066
	2884	Vegetable oil mills, nec.....	34	11	1,076	13,703
	2882	Linseed oil mills.....	9	8	1,055	17,832
	----	All other industries ¹	3	1	121	10,531
2094	----	Grease and tallow.....	539	173	12,384	127,120
	2886	Grease and tallow.....	513	167	11,857	122,579
	----	All other industries ¹	26	6	527	4,541
2095	----	Animal oils, nec.....	78	37	2,191	24,475
	2889	Animal oils, nec.....	75	36	2,153	23,985
	----	All other industries ¹	3	1	38	490
2096	----	Shortening and cooking oils.....	105	80	12,489	221,519
	2092	Shortening and cooking oils.....	69	50	9,419	158,256
	2093	Margarine.....	36	30	2,699	56,490
	----	All other industries ¹			371	6,773
2097	2097	Manufactured ice.....	1,570	170	14,557	107,527
2098	2098	Macaroni and spaghetti.....	214	76	6,825	67,130
2099	----	Food preparations, nec.....	2,687	695	67,992	1,066,017
	2099	Food preparations, nec.....	2,642	670	65,448	1,005,663
	2091	Leavening compounds.....	39	22	2,391	58,809
	----	All other industries ¹	6	3	153	1,545
2111	2111	Cigarettes.....	19	16	33,832	1,058,554
2121	2121	Cigars.....	283	114	29,350	183,140
2131	2131	Chewing and smoking tobacco.....	58	28	6,348	86,188
2141	2141	Tobacco stemming and redrying.....	144	122	14,937	85,578
2211	----	Weaving mills, cotton.....	496	395	243,419	1,078,592
	2233	Cotton broad-woven fabrics.....	489	393	242,145	1,070,569
	----	All other industries ¹	7	2	1,274	8,023
2221	2234	Weaving mills, synthetics.....	401	310	81,688	468,583
2231	----	Weaving and finishing mills, wool.....	469	311	55,952	336,618
	2213	Woolen and worsted fabrics.....	305	227	49,252	292,365
	2216	Finishing wool textiles.....	74	44	4,771	32,383
	2399	Textile products, nec.....	85	35	1,723	10,709
	----	All other industries ¹	5	5	206	1,161
2241	2241	Narrow fabric mills.....	488	242	24,587	142,638
2251	2251	Full-fashioned hosiery mills.....	432	241	33,687	172,996
2252	2252	Seamless hosiery mills.....	659	489	69,483	290,825
2253	----	Knit outerwear mills.....	1,123	633	60,672	339,914
	2253	Knit outerwear mills.....	1,120	632	60,603	339,582
	----	All other industries ¹	3	1	69	332
2254	2254	Knit underwear mills.....	140	122	27,918	135,703
2256	2256	Knit fabric mills.....	357	181	18,356	147,394
2259	----	Knitting mills, nec.....	75	38	3,230	14,543
	2255	Knit glove mills.....	24	19	1,808	6,710
	2259	Knitting mills, nec.....	51	19	1,422	7,833
2261	----	Finishing plants, cotton.....	446	174	49,212	289,115
	2261	Finishing textiles, except wool.....	446	174	49,212	289,115
2262	----	Finishing plants, synthetics.....	197	132	16,185	114,825
	2261	Finishing textiles, except wool.....	197	132	16,185	114,825

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2269	----	Finishing plants, nec.....	155	79	7,808	52,005
	2261	Finishing textiles, except wool.....	155	79	7,808	52,005
2271	----	Woven carpets and rugs.....	69	47	18,151	128,444
	2271	Wool carpets and rugs.....	52	39	17,491	125,514
	2273	Carpets and rugs, except wool.....	17	8	660	2,930
2272	----	Tufted carpets and rugs.....	92	72	11,528	108,846
	2271	Wool carpets and rugs.....	13	9	1,267	(D)
	2273	Carpets and rugs, except wool.....	79	63	10,261	(D)
2279	----	Carpets and rugs, nec.....	121	53	3,989	23,176
	2271	Wool carpets and rugs.....	3	2	989	(D)
	2273	Carpets and rugs, except wool.....	118	51	3,000	(D)
2281	----	Yarn mills, except wool.....	356	310	67,836	292,219
	2212	Yarn mills, wool, except carpet.....	17	17	3,743	22,689
	2224	Yarn mills, cotton system.....	316	282	61,929	259,114
	2271	Wool carpets and rugs.....	11	10	1,297	5,824
	----	All other industries ¹	12	1	867	4,592
2282	----	Throwing and winding mills.....	195	119	11,862	67,648
	2222	Yarn throwing mills.....	117	88	9,085	50,902
	2224	Yarn mills, cotton system.....	18	4	178	1,085
	2299	Textile goods, nec.....	35	23	2,245	13,948
	----	All other industries ¹	25	4	354	1,713
2283	----	Wool yarn mills.....	150	122	15,977	91,212
	2212	Yarn mills, wool, except carpet.....	111	96	12,009	65,197
	2271	Wool carpets and rugs.....	36	26	3,951	25,966
	----	All other industries ¹	3	...	17	49
2284	2223	Thread mills.....	86	49	11,213	62,965
2291	2291	Felt goods, nec.....	66	28	4,573	44,443
2292	2292	Lace goods.....	208	66	6,689	34,247
2293	2293	Padding and upholstery filling.....	196	83	7,139	57,303
2294	2294	Processed textile waste.....	183	68	4,607	31,100
2295	2295	Coated fabrics, not rubberized.....	126	64	10,182	100,420
2296	----	Tire cord and fabric.....	23	23	12,214	69,844
	2224	Yarn mills, cotton system.....	23	23	12,214	69,844
2297	2211	Scouring and combing plants.....	81	46	6,075	36,073
2298	2298	Cordage and twine.....	147	71	9,583	65,106
2299	2299	Textile goods, nec.....	138	49	7,862	60,841
2311	----	Men's and boys' suits and coats.....	1,365	763	122,205	642,510
	2311	Men's and boys' suits and coats.....	1,353	757	121,857	641,292
	----	All other industries ¹	12	6	348	1,218
2321	2321	Men's dress shirts and nightwear.....	880	606	103,596	421,876
2322	2322	Men's and boys' underwear.....	91	73	12,326	51,621
2323	----	Men's and boys' neckwear.....	362	111	7,734	48,938
	2323	Men's and boys' neckwear.....	362	111	7,663	48,692
	----	All other industries ¹			71	246
2327	----	Separate trousers.....	748	367	51,632	209,050
	2327	Separate trousers.....	744	363	51,365	207,866
	----	All other industries ¹	4	4	267	1,184
2328	----	Work clothing.....	500	396	64,780	255,481
	2328	Work shirts.....	50	40	6,282	20,482
	2329	Men's and boys' clothing, nec.....	450	356	58,498	234,999
2329	2329	Men's and boys' clothing, nec.....	539	324	32,392	149,951
2331	----	Women's blouses.....	1,260	735	47,484	200,164
	2331	Women's blouses.....	1,236	722	46,317	189,265
	2339	Women's outerwear, nec.....	24	13	1,167	10,899
2335	----	Women's dresses.....	4,653	2,899	184,717	970,963
	2333	Women's unit-priced dresses.....	3,700	2,346	135,606	765,236
	2334	Women's dozen-priced dresses.....	953	553	49,111	205,727
2337	2337	Women's suits, coats, and skirts.....	2,683	1,350	84,145	514,901
2339	----	Women's outerwear, nec.....	1,155	553	43,663	227,598
	2334	Women's dozen-priced dresses.....	251	112	8,162	40,517
	2338	Women's neckwear.....	88	21	1,447	8,300
	2339	Women's outerwear, nec.....	816	420	34,054	178,781

See footnotes at end of Part 1.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2341	2341	Women's and children's underwear.....	1,231	720	73,527	347,705
2342	2342	Corsets and allied garments.....	414	279	37,808	248,543
2351	2351	Millinery.....	803	284	17,838	109,133
2352	----	Hats and caps.....	446	169	17,701	91,298
	2325	Men's and boys' cloth hats.....	344	100	7,672	35,891
	2281	Fur-felt hats and hat bodies.....	53	36	6,221	37,222
	2282	Wool-felt hats and hat bodies.....	16	9	1,782	8,265
	2283	Straw hats.....	33	24	2,026	9,920
2361	----	Children's dresses.....	802	487	36,123	167,094
	2361	Children's dresses.....	779	473	34,685	160,628
	2369	Children's outerwear, nec.....	23	14	1,438	6,466
2363	2363	Children's coats.....	370	210	12,798	68,205
2369	2369	Children's outerwear, nec.....	756	377	31,888	146,050
2371	2371	Fur goods.....	1,651	78	9,355	95,411
2381	----	Fabric dress and work gloves.....	228	130	13,941	53,930
	2381	Fabric dress and work gloves.....	101	44	4,176	19,299
	2382	Fabric work gloves.....	127	86	9,765	34,631
2384	2384	Robes and dressing gowns.....	278	155	10,625	56,442
2385	2385	Waterproof outer garments.....	277	136	13,159	73,070
2386	2386	Leather and sheeplined clothing.....	154	71	4,626	27,847
2387	2387	Apparel belts.....	455	144	10,150	53,726
2389	----	Apparel, nec.....	309	93	7,525	41,262
	2383	Suspenders and garters.....	40	9	797	3,982
	2388	Handkerchiefs.....	83	35	2,536	14,535
	2389	Apparel, nec.....	180	46	3,939	21,575
	2342	Corsets and allied garments.....	6	3	253	1,170
2391	----	Curtains and draperies.....	783	206	16,366	87,273
	2391	Curtains and draperies.....	783	206	16,325	87,053
	----	All other industries ¹			41	220
2392	2392	Housefurnishings, nec.....	1,205	393	36,769	218,295
2393	2393	Textile bags.....	237	101	9,114	51,638
2394	2394	Canvas products.....	851	124	9,875	53,696
2397	2397	Schiffli-machine embroideries.....	703	48	5,739	44,311
2398	----	Trimnings and stitching.....	2,189	414	32,986	177,784
	2284	Hatters' fur.....	25	8	612	3,421
	2312	Suit and coat findings.....	93	44	2,420	13,549
	2326	Hat and cap materials.....	42	8	623	4,033
	2395	Tucking, pleating, and stitching.....	448	70	5,042	23,929
	2396	Trimnings and art goods.....	739	178	16,557	94,700
	2398	Embroideries, except Schiffli.....	832	102	7,458	37,054
	----	All other industries ¹	10	4	274	1,098
2399	----	Textile products, nec.....	919	212	17,930	98,087
	2399	Textile products, nec.....	912	206	16,476	92,428
	3729	Aircraft equipment, nec.....	7	6	1,454	5,659
2411	----	Logging camps and contractors.....	12,805	554	71,505	387,418
	2411	Logging camps and contractors.....	12,782	550	71,309	386,421
	2421	Sawmills and planing mills.....	23	4	196	997
2421	----	Sawmills and planing mills.....	15,636	2,486	245,687	1,194,650
	2421	Sawmills and planing mills.....	15,623	2,483	245,032	1,189,360
	----	All other industries ¹	13	3	655	5,290
2426	----	Hardwood dimension and flooring.....	436	263	25,140	110,354
	2421	Sawmills and planing mills.....	340	209	21,546	93,429
	2499	Wood products, nec.....	96	54	3,594	16,925
2429	----	Special product sawmills, nec.....	478	105	7,176	36,123
	2421	Sawmills and planing mills ²	38	...	251	1,495
	2423	Shingle mills.....	219	40	2,731	17,159
	2424	Cooperage stock mills.....	156	44	2,958	10,499
	2425	Excelsior mills.....	65	21	1,236	6,970
2431	----	Millwork plants.....	3,163	713	61,962	412,548
	2431	Millwork plants.....	2,991	700	60,511	404,364
	2561	Window and door screens.....	168	11	1,200	7,680
	----	All other industries ¹	4	2	251	504
2432	----	Veneer and plywood plants.....	588	450	59,346	390,131
	2422	Veneer mills.....	288	206	13,103	75,116
	2432	Plywood plants.....	293	242	45,832	312,068
	----	All other industries ¹	7	2	411	2,947

See footnotes at end of Part 1.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

C-7

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2433	2433	Fabricated wood products.....	374	150	13,550	122,344
2441	----	Nailed wooden boxes and shooks.....	885	259	20,916	102,248
	2443	Cigar boxes.....	7	3	220	1,053
	2444	Wooden boxes.....	858	245	19,480	94,875
	----	All other industries ¹	20	11	1,216	6,320
2442	----	Wirebound boxes and crates.....	98	59	9,366	43,109
	2442	Rattan and willow ware.....	18	2	122	520
	2444	Wooden boxes.....	80	57	9,244	42,589
2443	----	Veneer and plywood containers.....	105	65	5,416	18,323
	2441	Fruit and vegetable baskets.....	99	61	5,256	17,722
	2444	Wooden boxes.....	6	4	160	601
2445	2445	Cooperage.....	190	35	3,871	19,843
2491	2491	Wood preserving.....	306	148	10,933	72,508
2499	----	Wood products, nec.....	2,725	598	46,434	267,014
	2499	Wood products, nec.....	2,206	464	34,035	175,711
	2431	Millwork plants.....	18	6	318	2,460
	2432	Plywood plants.....	18	13	1,594	12,870
	2442	Rattan and willow ware.....	36	14	1,246	5,663
	2492	Lasts and related products.....	65	27	2,024	15,307
	2493	Mirror and picture frames.....	346	58	5,738	37,643
	3982	Cork products.....	24	10	907	13,988
	----	All other industries ¹	12	6	572	3,372
2511	----	Wood furniture, except upholstered.....	2,816	931	125,320	704,660
	2511	Wood furniture, not upholstered.....	2,810	930	125,192	704,018
	----	All other industries ¹	6	1	128	642
2512	----	Wood furniture, upholstered.....	1,761	683	61,485	391,243
	2512	Wood household furniture, upholstered.....	1,756	682	61,442	391,058
	----	All other industries ¹	5	1	43	185
2514	----	Metal household furniture.....	627	273	30,704	218,746
	2514	Metal household furniture.....	623	271	30,623	218,373
	----	All other industries ¹	4	2	81	373
2515	----	Mattresses and bedsprings.....	1,215	377	31,703	248,801
	2515	Mattresses and bedsprings.....	1,052	289	25,517	207,844
	2512	Wood furniture, upholstered.....	163	88	6,186	40,957
2519	----	Household furniture, nec.....	93	32	2,205	16,176
	2519	Household furniture, nec.....	93	32	2,186	16,122
	----	All other industries ¹			19	54
2521	2521	Wood office furniture.....	150	56	5,821	38,427
2522	2522	Metal office furniture.....	151	88	17,469	173,673
2531	----	Public building furniture.....	390	147	15,952	112,881
	2531	Public-building furniture.....	386	144	15,841	112,088
	----	All other industries ¹	4	3	111	793
254-	----	Partitions and fixtures.....	1,848	426	37,747	301,250
	2541	Partitions and fixtures.....	1,844	425	37,526	300,218
	----	All other industries ¹	4	1	221	1,032
2591	----	Venetian blinds and shades.....	850	85	11,203	83,442
	2563	Venetian blinds.....	561	57	6,465	42,766
	2562	Window shades ³	289	28	4,738	40,676
2599	----	Furniture and fixtures, nec.....	259	77	7,990	60,189
	2599	Furniture and fixtures, nec.....	84	29	2,823	22,335
	2591	Restaurant furniture.....	168	43	3,102	23,024
	----	All other industries ¹	7	5	2,065	14,830
2611	2611	Pulp mills.....	59	48	14,171	196,026
2621	----	Paper mills, except building.....	354	318	131,334	1,541,818
	2612	Paper and paperboard mills.....	354	318	131,334	1,541,818
2631	----	Paperboard mills.....	252	250	57,086	840,057
	2612	Paper and paperboard mills.....	252	250	57,086	840,057
2641	----	Paper coating and glazing.....	340	176	27,794	319,588
	2641	Paper coating and glazing.....	298	152	24,462	283,869
	2699	Paper and board products, nec.....	38	21	2,257	28,377
	----	All other industries ¹	4	3	1,075	7,342
2642	2651	Envelopes.....	205	146	17,757	138,318

See footnotes at end of Part 1.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2643	----	Bags, except textile bags.....	461	251	39,042	308,874
	2661	Paper bags.....	458	249	38,279	303,587
	----	All other industries ¹	3	2	763	5,287
2644	2693	Wallpaper.....	73	29	2,806	21,463
2645	----	Die cut paper and board.....	372	118	12,209	111,164
	2691	Die-cut paper and board.....	369	116	11,798	106,783
	----	All other industries ¹	3	2	411	4,381
2646	2694	Pressed and molded pulp goods.....	55	28	4,472	49,819
2649	----	Paper and board products, nec.....	739	324	46,892	463,668
	2699	Paper and board products, nec.....	726	313	43,181	412,206
	3842	Surgical appliances and supplies.....	10	9	3,245	49,559
	----	All other industries ¹	3	2	466	1,903
2651	----	Folding paperboard boxes.....	514	341	46,389	391,031
	2671	Paperboard boxes.....	514	341	46,389	391,031
2652	----	Set-up paperboard boxes.....	527	347	23,532	124,892
	2671	Paperboard boxes.....	527	347	23,532	124,892
2653	----	Corrugated shipping containers.....	805	514	70,792	596,934
	2671	Paperboard boxes.....	759	489	69,141	582,416
	2699	Paper and board products, nec.....	46	25	1,651	14,518
2654	----	Sanitary food containers.....	136	125	29,493	309,224
	2699	Paper and board products, nec.....	136	125	29,493	309,224
2655	----	Fiber cans, tubes, drums, etc.....	198	112	10,971	79,548
	2671	Paperboard boxes.....	9	3	358	2,423
	2674	Fiber cans, tubes, drums, and similar products.....	189	109	10,613	77,125
2661	----	Building paper and board mills.....	181	97	20,658	215,050
	2613	Building paper and board mills.....	129	96	20,363	213,369
	2661	Paper bags.....	52	1	295	1,681
2711	2711	Newspapers.....	8,250	1,724	294,258	2,516,921
2721	2721	Periodicals.....	2,323	387	66,028	932,554
2731	2731	Books, publishing and printing.....	903	233	40,069	616,241
2732	2732	Book printing.....	791	205	28,625	226,793
2741	2741	Miscellaneous publishing.....	1,105	164	19,870	206,851
2751	----	Printing: letterpress.....	13,002	1,640	189,078	1,482,604
	2751	Commercial printing.....	12,835	1,580	183,380	1,435,990
	2761	Lithographing.....	125	31	1,651	12,522
	2699	Converted paper and board products, nec.....	28	25	3,409	29,184
	----	All other industries ¹	14	4	638	4,908
2752	----	Printing: lithographic.....	3,746	1,026	89,678	797,397
	2761	Lithographing.....	3,703	1,015	88,808	790,501
	2751	Commercial printing.....	36	7	487	4,063
	----	All other industries ¹	7	4	383	2,833
2753	2792	Engraving and plate printing.....	528	102	9,047	64,471
2761	----	Manifold business forms.....	704	165	23,618	245,229
	2751	Commercial printing.....	273	115	14,042	143,649
	2761	Lithographing.....	411	37	7,351	80,934
	2782	Blank books and paper ruling.....	20	13	2,199	20,333
	----	All other industries ¹			26	263
2771	2771	Greeting cards.....	282	100	21,777	178,563
2782	----	Blankbooks; looseleaf binders.....	434	166	17,872	132,660
	2782	Blankbooks and paper ruling.....	289	95	8,141	59,244
	2783	Looseleaf binders and devices.....	136	64	9,079	69,159
	2751	Commercial printing.....	3	3	227	1,771
	----	All other industries ¹	6	4	425	2,486
2789	----	Bookbinding and related work.....	972	294	22,160	132,722
	2781	Bookbinding.....	755	227	17,894	105,021
	2789	Miscellaneous bookbinding work.....	213	65	4,152	26,957
	----	All other industries ¹	4	2	114	744

See footnotes at end of Part 1.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

C-9

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2791	2791	Typesetting.....	1,188	247	18,011	155,123
2793	2793	Photoengraving.....	914	272	17,251	172,158
2794	2794	Electrotyping and stereotyping.....	226	111	6,759	62,675
2812	2812	Alkalies and chlorine.....	34	32	20,476	306,187
2813	----	Industrial gases.....	491	177	10,642	174,249
	2896	Compressed and liquefied gases.....	491	177	10,642	174,249
2814	2821	Cyclic (coal tar) crudes.....	45	23	2,084	29,993
2815	2822	Intermediate coal tar products.....	115	87	26,218	373,106
2816	----	Inorganic pigments.....	99	57	11,368	235,658
	2852	Inorganic color pigments.....	94	55	11,261	234,294
	----	All other industries ¹	5	2	107	1,364
2818	----	Organic chemicals, nec.....	334	185	77,442	1,671,723
	2829	Organic chemicals, nec.....	331	183	77,178	1,664,419
	----	All other industries ¹	3	2	264	7,304
2819	----	Inorganic chemicals, nec.....	580	301	89,874	1,468,854
	2819	Inorganic chemicals, nec.....	509	251	84,909	1,369,179
	2811	Sulfuric acid.....	50	38	3,455	72,649
	----	All other industries ⁴	21	12	1,510	27,026
2821	----	Plastic materials.....	349	196	51,003	871,956
	2823	Plastic materials.....	343	195	50,781	863,991
	----	All other industries ¹	6	1	222	7,965
2822	2824	Synthetic rubber.....	18	17	9,252	197,866
2823	----	Cellulosic man-made fibers.....	26	26	42,597	390,310
	2825	Synthetic fibers.....	26	26	42,597	390,310
2824	----	Organic fibers, noncellulosic.....	14	14	18,684	439,638
	2825	Synthetic fibers.....	14	14	18,684	439,638
2831	2831	Biological products.....	116	35	3,692	38,947
2833	----	Medicinals and botanicals.....	129	50	10,246	175,817
	2832 } 2833 }	Medicinal chemicals, including botanicals.....	129	50	10,246	175,817
2834	----	Pharmaceutical preparations.....	1,114	318	82,002	1,881,524
	2834	Pharmaceutical preparations.....	1,114	318	81,961	1,877,091
	----	All other industries ¹			41	4,433
2841	----	Soap and other detergents.....	608	163	29,603	857,585
	2841	Soap and glycerin.....	245	76	20,638	655,669
	2842	Cleaning and polishing preparations.....	359	85	8,880	201,431
	----	All other industries ¹	4	2	85	485
2842	----	Polishes and sanitation goods.....	1,156	188	16,429	295,566
	2842	Cleaning and polishing preparations.....	901	137	11,754	218,852
	2899	Chemical products, nec.....	249	48	4,318	72,831
	----	All other industries ¹	6	3	357	3,883
2843	----	Surface active agents.....	142	46	3,122	52,421
	2843	Sulfonated oils and assistants.....	103	28	1,796	25,687
	2829	Organic chemicals, nec.....	17	8	743	16,850
	----	All other industries ¹	22	10	583	9,884
2844	----	Toilet preparations.....	748	181	29,464	697,529
	2893	Toilet preparations.....	745	179	29,375	686,540
	----	All other industries ¹	3	2	89	10,989
2851	2851	Paints and varnishes.....	1,591	577	57,034	783,285
2852	----	Putty and caulking compounds.....	118	23	1,736	23,610
	2853	Whiting and fillers.....	105	17	1,334	16,989
	----	All other industries ⁵	13	6	402	6,621
2861	----	Gum and wood chemicals.....	190	41	7,251	85,302
	2861	Hardwood distillation.....	50	12	1,776	10,752
	2862	Softwood distillation.....	79	14	4,193	54,172
	2863	Gum naval stores.....	24	8	467	5,063
	2865	Tanning and dyeing materials.....	27	3	355	4,036
	2611	Pulp mills.....	10	4	460	11,279
2871	2871	Fertilizers.....	283	205	18,728	197,943
2872	2872	Fertilizers, mixing only.....	685	202	12,161	105,845

See footnotes at end of Part 1.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2873	----	Agricultural pesticides.....	337	101	7,790	110,993
2879	----	Agricultural chemicals, nec.....				
	2897	Insecticides and fungicides.....				
	2899	Chemical products, nec.....				
	----	All other industries ¹	3	2	62	700
2891	----	Glue and gelatin.....	274	93	7,890	106,383
	2894	Glue and gelatin.....	242	78	6,853	85,048
	2899	Chemical products, nec.....	32	15	1,037	21,335
2892	2826	Explosives.....	77	58	14,971	131,646
2893	2891	Printing ink.....	302	94	7,960	108,803
2894	2887	Fatty acids.....	12	12	1,558	20,594
2895	2895	Carbon black.....	36	32	3,162	72,641
2899	----	Chemical preparations, nec.....	1,286	217	24,727	364,397
	2892	Essential oils.....	25	9	899	16,533
	2899	Chemical products, nec.....	1,149	164	17,941	278,660
	3985	Fireworks and pyrotechnics.....	67	19	1,628	9,043
	2898	Salt.....	39	24	4,167	59,251
	----	All other industries ¹	6	1	92	910
2911	2911	Petroleum refining.....	446	313	146,025	2,119,402
2951	2951	Paving mixtures and blocks.....	563	89	7,797	112,548
2952	2952	Asphalt felts and coatings.....	209	128	15,520	159,449
2992	2992	Lubricating oils and greases.....	306	90	7,568	103,084
2999	2999	Petroleum and coal products, nec.....	84	33	2,256	26,903
3011	----	Tires and inner tubes.....	123	86	89,395	1,179,957
	3011	Tires and inner tubes.....	62	55	87,246	1,155,205
	3099	Rubber industries, nec.....	61	31	24,752	24,752
3021	3021	Rubber footwear.....	27	26	20,359	149,608
3031	3031	Reclaimed rubber.....	16	14	2,215	20,843
3069	3099	Fabricated rubber products, nec.....	1,074	558	119,565	997,254
3079	----	Plastics products, nec.....	3,222	1,143	116,308	928,950
	3971	Plastics products, nec ^e	3,222	1,143	116,308	928,950
3111	3111	Leather tanning and finishing.....	578	280	37,130	275,796
3121	3121	Industrial leather belting.....	104	32	3,975	36,300
3131	----	Footwear, cut stock.....	513	235	18,031	98,380
	3131	Footwear, cut stock.....	513	235	17,937	97,850
	----	All other industries ¹				
					94	530
3141	3141	Footwear, except rubber.....	1,115	887	215,311	1,086,260
3142	3142	House slippers.....	164	97	11,520	59,656
3151	----	Leather gloves.....	180	76	6,212	25,999
	3151	Leather dress gloves.....	102	47	3,935	16,171
	3152	Leather work gloves.....	78	29	2,166	8,598
	----	All other industries ¹				
					111	1,230
3161	----	Luggage.....	428	159	15,856	96,560
	3161	Luggage.....	411	147	15,226	93,705
	3986	Jewelry and instrument cases.....	14	9	474	2,244
	----	All other industries ¹	3	3	156	611
3171	3171	Handbags and purses.....	620	262	21,953	111,496
3172	----	Small leather goods.....	400	123	13,657	75,791
	3172	Small leather goods.....	237	67	7,534	43,080
	3161	Luggage.....	17	5	383	2,599
	3986	Jewelry and instrument cases.....	146	51	5,740	30,112
3199	----	Leather goods, nec.....	433	74	5,405	31,227
	3192	Saddlery, harness, and whips.....	100	12	1,271	6,775
	3199	Leather goods, nec.....	333	62	4,134	24,452
3211	3211	Flat glass.....	32	31	21,179	263,151
3221	3221	Glass containers.....	100	92	54,957	532,469
3229	3229	Pressed and blown glass, nec.....	140	98	37,108	312,342
3231	----	Products of purchased glass.....	1,031	239	24,024	242,657
	3231	Products of purchased glass.....	1,024	236	23,516	238,882
	----	All other industries ¹	7	3	508	3,775
3241	3241	Cement, hydraulic.....	175	170	41,127	724,771
3251	3251	Brick and structural tile.....	569	430	31,087	196,890
3253	----	Ceramic wall and floor tile.....	90	62	13,068	92,779
	3253	Floor and wall tile.....	86	58	12,482	88,442
	3259	Structural clay products, nec.....	4	4	586	4,337

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3255	3255	Clay refractories.....	167	117	12,394	104,898
3259	----	Structural clay products, nec.....	192	117	13,756	95,881
	3254	Sewer pipe.....	70	68	10,199	70,101
	3259	Structural clay products, nec.....	122	49	3,557	25,780
3261	3261	Vitreous plumbing fixtures.....	49	43	9,677	87,293
3262	3262	Vitreous china food utensils.....	29	24	7,640	42,355
3263	3263	Earthenware food utensils.....	34	26	8,555	34,170
3264	3264	Porcelain electrical supplies.....	59	44	9,107	66,074
3269	----	Pottery products, nec.....	584	108	9,240	54,020
	3265	China decorating for the trade.....	36	4	370	2,424
	3269	Pottery products, nec.....	548	104	8,870	51,596
3271	----	Concrete block and brick.....	1,796	336	22,766	190,355
	3271	Concrete products.....	1,796	336	22,766	190,355
3272	----	Concrete products.....	3,455	616	46,182	390,378
	3271	Concrete products.....	3,455	616	46,182	390,378
3273	----	Ready-mixed concrete.....	3,647	944	61,890	676,062
	3273	Ready-mixed concrete.....	3,624	931	61,109	669,931
	----	All other industries ¹	23	13	781	6,131
3274	3274	Lime.....	137	76	7,185	73,597
3275	----	Gypsum products.....	126	63	11,502	218,042
	3272	Gypsum products.....	123	62	11,425	216,978
	----	All other industries ¹	3	1	77	1,064
3281	3281	Cut-stone and stone products.....	1,001	243	20,348	129,038
3291	3291	Abrasive products.....	354	130	23,955	277,706
3292	3292	Asbestos products.....	109	80	21,292	235,487
3293	3293	Gaskets and insulations.....	282	99	13,494	105,211
3295	----	Minerals: ground or treated.....	391	104	7,906	111,414
	3295	Minerals: ground or treated.....	386	100	7,557	104,682
	----	All other industries ¹	5	4	349	6,732
3296	----	Mineral wool.....	135	69	12,294	137,577
	3275	Mineral wool.....	95	61	11,831	132,533
	3299	Nonmetallic mineral products, nec.....	40	8	463	5,044
3297	3297	Nonclay refractories.....	84	66	8,013	102,362
3299	----	Nonmetallic minerals, nec.....	254	51	4,316	31,973
	3299	Nonmetallic mineral products, nec.....	109	32	3,062	24,710
	3298	Statuary and art goods.....	145	19	1,254	7,263
3312	3312	Blast furnaces and steel mills.....	291	260	511,392	6,062,227
3313	3313	Electrometallurgical products.....	37	35	12,689	178,880
3315	----	Steel wire drawing.....	170	103	19,250	196,200
	3392	Wire drawing.....	102	71	15,805	165,883
	3481	Nails and spikes.....	68	32	3,445	30,317
3316	----	Cold finishing of steel shapes.....	78	63	10,943	141,516
	3399	Primary metal industries, nec.....	78	63	10,943	141,516
3317	----	Steel pipe and tubes.....	136	101	23,911	284,096
	3312	Blast furnaces and steel mills ⁷	4	4	1,439	23,549
	3393	Steel pipe and tubes.....	132	97	22,472	260,547
3321	----	Gray-iron foundries.....	1,310	848	112,670	810,758
	3321	Gray-iron foundries.....	1,297	843	112,263	807,480
	----	All other industries ¹	13	5	407	3,278
3322	----	Malleable iron foundries.....	82	74	20,230	127,592
	3322	Malleable iron foundries.....			19,949	125,473
	----	All other industries ¹	82	74	281	2,119
3323	3323	Steel foundries.....	256	216	49,133	383,870
3331	3331	Primary copper.....	30	29	14,561	158,122
3332	3332	Primary lead.....	13	13	3,563	36,325
3333	3333	Primary zinc.....	20	20	8,923	71,653
3334	3334	Primary aluminum.....	20	20	17,381	383,856
3339	3339	Primary nonferrous metals, nec.....	29	18	2,658	50,495
3341	3341	Secondary nonferrous metals.....	387	152	14,441	147,262
3351	----	Copper rolling and drawing.....	105	89	40,329	445,371
	3351	Copper rolling and drawing.....	98	85	39,997	441,150
	3392	Wire drawing.....	7	4	332	4,221

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3352	----	Aluminum rolling and drawing.....	185	129	46,879	537,086
	3352	Aluminum rolling and drawing.....	168	112	42,375	475,331
	3497	Metal foil and leaf.....	17	17	4,504	61,755
3356	3359	Rolling and drawing, nec.....	143	73	16,571	174,633
3357	----	Nonferrous wire drawing, etc.....	278	182	56,493	568,911
	3631	Insulated wire and cable.....	172	91	17,105	154,248
	3392	Wire drawing.....	98	86	38,093	397,392
	3351	Copper rolling and drawing.....	5	5	1,286	17,178
	----	All other industries ¹	3	...	9	93
3361	----	Aluminum castings.....	955	283	30,045	225,686
	3361	Nonferrous foundries.....	955	283	30,045	225,686
3362	----	Brass, bronze, copper castings.....	665	209	14,861	109,744
	3361	Nonferrous foundries.....	665	209	14,861	109,744
3369	----	Nonferrous castings, nec.....	345	136	17,253	135,311
	3361	Nonferrous foundries.....	345	136	17,253	135,311
3391	3391	Iron and steel forgings.....	301	189	36,456	310,148
3392	----	Nonferrous forgings.....	29	20	5,932	40,963
	3399	Primary metal industries, nec.....	29	20	5,932	40,963
3399	3399	Primary metal industries, nec.....	581	149	9,795	90,656
3411	----	Metal cans.....	222	189	54,238	668,606
	3411	Tin cans and other tinware.....	222	189	54,238	668,606
3421	3421	Cutlery.....	183	72	11,831	126,310
3423	----	Hand and edge tools.....	763	250	30,273	267,316
	3422	Edge tools.....	237	76	6,754	55,422
	3423	Hand tools, nec.....	494	161	21,037	186,098
	3424	Files.....	25	7	2,035	20,068
	----	All other industries ²	7	6	447	5,728
3425	3425	Hand saws and saw blades.....	89	38	5,509	53,658
3429	----	Hardware, nec.....	1,059	454	88,105	754,943
	3429	Hardware, nec.....	1,053	451	87,537	750,783
	----	All other industries ¹	6	3	568	4,160
3431	----	Plumbing fixtures.....	63	41	12,432	118,555
	3431	Plumbing fixtures and fittings.....	63	41	12,432	118,555
3432	----	Plumbing fittings, brass goods.....	254	84	14,663	120,560
	3431	Plumbing fixtures and fittings.....	254	84	14,663	120,560
3433	----	Nonelectric heating equipment.....	672	303	44,680	432,799
	3439	Heating and cooking apparatus (except electric), nec.....	649	290	43,281	421,195
	3568	Mechanical stokers.....	19	9	693	5,566
	----	All other industries ²	4	4	706	6,038
3441	----	Fabricated structural steel.....	1,861	780	91,252	821,626
	3441	Structural and ornamental work.....	1,851	779	90,707	815,394
	----	All other industries ¹	10	1	545	6,232
3442	----	Metal doors, sash, and trim.....	1,546	560	57,897	469,050
	2561	Window and door screens.....	100	42	3,403	29,972
	3442	Metal doors, sash, and trim.....	1,440	516	54,353	437,859
	----	All other industries ¹	6	2	141	1,219
3443	----	Boiler shop products.....	1,252	557	90,551	754,972
	3441	Structural and ornamental products.....	14	5	537	3,692
	3443	Boiler shop products.....	1,189	516	81,501	682,298
	3569	General industrial machinery, nec.....	41	33	8,360	66,976
	----	All other industries ¹	8	3	153	2,006
3444	----	Sheet-metal work.....	3,159	699	58,800	516,136
	3444	Sheet-metal work.....	3,146	694	58,307	512,843
	----	All other industries ¹	13	5	493	3,293
3449	----	Miscellaneous metal work, nec.....	1,591	397	42,122	401,076
	3441	Structural and ornamental work.....	1,585	396	42,043	400,445
	----	All other industries ¹	6	1	79	631

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3451	3495	Screw machine products.....	1,792	419	31,836	249,975
3452	3494	Bolts, nuts, washers, and rivets.....	525	283	55,270	504,731
3461	----	Metal stampings.....	2,456	1,041	125,567	1,049,311
	3461	Vitreous-enameled products.....	55	33	5,803	40,582
	3463	Metal stampings.....	2,389	999	117,796	992,037
	----	All other industries ¹	12	9	1,968	16,692
3471	3468	Plating and polishing.....	2,646	542	36,471	253,784
3479	----	Metal coating, engraving, etc.....	1,003	192	15,680	108,379
	3465	Enameling and lacquering.....	467	97	7,104	47,723
	3466	Galvanizing.....	199	54	4,376	32,890
	3467	Engraving on metal.....	337	41	4,200	27,766
3481	----	Fabricated wire products, nec.....	1,463	538	55,476	439,940
	3489	Wirework, nec.....	1,459	535	55,129	437,473
	----	All other industries ¹	4	3	347	2,467
3491	----	Metal barrels, drums, and pails.....	125	74	9,640	94,548
	3411	Tin cans and other tinware.....	4	4	585	3,318
	3491	Metal barrels, drums, and pails.....	121	70	9,055	91,230
3492	3492	Safes and vaults.....	33	12	3,495	39,537
3493	----	Steel springs.....	90	43	6,758	54,135
	3493	Steel springs.....	90	43	5,515	44,384
	----	All other industries ¹			1,243	9,751
3494	----	Valves and pipe fittings.....	588	345	74,994	716,056
	3591	Valves and fittings, except plumbing.....	571	336	74,363	710,045
	3429	Hardware, nec.....	14	9	610	5,817
	----	All other industries ¹	3	...	21	194
3496	3496	Collapsible tubes.....	22	20	3,837	25,257
3497	3497	Metal foil and leaf.....	65	30	3,195	35,170
3498	----	Fabricated pipe and fittings.....	286	136	15,214	155,621
	3592	Fabricated pipe and fittings.....	282	134	15,135	154,938
	----	All other industries ¹	4	2	79	683
3499	----	Fabricated metal products, nec.....	974	213	20,200	180,132
	3499	Fabricated metal products, nec.....	966	209	19,601	175,193
	----	All other industries ¹	8	4	599	4,939
3511	----	Steam engine and turbines.....	28	25	45,347	568,643
	3511	Steam engine and turbines.....	25	23	43,979	558,885
	----	All other industries ¹	3	2	1,368	9,758
3519	----	Internal combustion engines.....	112	75	50,225	499,328
	3519	Internal combustion engines.....	109	74		
	----	All other industries ¹	3	1	50,225	499,328
3522	----	Farm machinery and equipment.....	1,469	509	108,586	1,087,836
	3521	Tractors.....	92	41	31,656	368,447
	3522	Farm machinery (except tractors).....	1,341	449	75,273	693,302
	3563	Conveyors.....	22	16	13,061	13,061
	----	All other industries ¹	14	3	536	13,026
3531	----	Construction machinery.....	579	295	95,304	1,022,801
	3531	Construction machinery.....	541	267	65,689	607,697
	3521	Tractors.....	35	25	28,464	408,197
	----	All other industries ¹	3	3	1,151	6,907
3532	----	Mining machinery and equipment.....	173	90	17,808	165,831
	3531	Construction machinery.....	169	88	(D)	(D)
	----	All other industries ¹	4	2	(D)	(D)
3533	----	Oil field machines and equipment.....	389	168	31,878	336,788
	3532	Oil-field machinery and tools.....	383	166	31,726	334,765
	----	All other industries ¹	6	2	152	2,023
3534	3562	Elevators and moving stairways.....	144	76	9,626	126,270
3535	----	Conveyors.....	420	150	20,789	192,892
	3563	Conveyors.....	409	150	20,743	192,402
	----	All other industries ¹	11	...	46	490
3536	----	Hoists, cranes, and monorails.....	81	54	9,520	92,759
	3531	Construction machinery.....	40	24	(D)	(D)
	3563	Conveyors.....	39	29	6,647	64,399
	----	All other industries ¹	2	1	(D)	(D)

See footnotes at end of Part 1.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3537	----	Industrial trucks and tractors.....	262	96	14,786	117,500
	3565	Industrial trucks and tractors.....	257	95	14,753	117,266
	----	All other industries ¹	5	1	33	234
3541	----	Metal-cutting machine tools.....	627	231	52,864	420,961
	3541	Machine tools.....	621	228	52,457	419,274
	----	All other industries ¹	6	3	407	1,687
3542	----	Metal forming machine tools.....	291	147	22,502	176,021
	3542	Metalworking machinery.....	287	145	(D)	(D)
	----	All other industries ¹	4	2	(D)	(D)
3544	----	Special dies and tools.....	5,745	994	83,308	780,090
	3544	Special dies and tools.....	4,822	832	69,016	655,070
	3594	Industrial patterns and molds.....	874	150	13,297	118,067
	3599	Machine shops.....	34	4	488	3,235
	----	All other industries ¹	15	8	507	3,718
3545	----	Machine tool accessories.....	905	297	41,521	348,580
	3545	Metalworking machinery attachments.....	899	295	39,677	336,361
	----	All other industries ¹	6	2	1,844	12,219
3548	----	Metalworking machinery, nec.....	362	143	33,328	332,397
	3542	Metalworking machinery.....	312	118	30,424	303,750
	3589	Service and household machines, nec.....	47	23	2,820	27,992
	----	All other industries ¹	3	2	84	655
3551	3551	Food products machinery.....	672	240	27,715	268,639
3552	----	Textile machinery.....	553	212	34,313	214,199
	3552	Textile machinery.....	547	210	34,186	213,048
	----	All other industries ¹	6	2	127	1,151
3553	3553	Woodworking machinery.....	257	96	12,219	112,936
3554	3554	Paper industries machinery.....	202	97	15,713	123,758
3555	3555	Printing trades machinery.....	442	119	21,453	188,881
3559	----	Special industry machinery, nec.....	1,048	388	50,849	431,117
	3559	Special industry machinery, nec.....	1,031	379	50,124	425,287
	3567	Industrial furnaces and ovens.....	9	6	522	3,958
	----	All other industries ¹	8	3	203	1,872
3561	----	Pumps and compressors.....	582	243	60,042	542,037
	3561	Pumps and compressors.....	569	239	59,819	539,615
	----	All other industries ¹	13	4	223	2,422
3562	3593	Ball and roller bearings.....	107	81	46,439	407,744
3564	3564	Blowers and fans.....	207	104	15,947	145,050
3565	----	Industrial patterns.....	1,174	96	8,870	78,108
	3594	Industrial patterns and molds.....	1,168	95	8,817	77,678
	----	All other industries ¹	6	1	53	430
3566	----	Power transmission equipment.....	470	236	41,782	384,372
	3566	Power transmission equipment.....	460	231	41,565	382,582
	3361	Nonferrous castings.....	8	5	(D)	(D)
	----	All other industries ¹	2	...	(D)	(D)
3567	----	Industrial furnaces and ovens.....	201	89	10,288	96,450
	3567	Industrial furnaces and ovens.....	156	64	8,181	80,687
	3619	Electrical industrial apparatus, nec.....	44	24	(D)	(D)
	----	All other industries ¹	1	1	(D)	(D)
3569	3569	General industry machinery, nec.....	584	209	28,014	281,423
3571	----	Computing and related machines.....	136	71	80,864	579,103
	3571	Computing and related machines.....	133	69	80,715	578,280
	----	All other industries ¹	3	2	149	823
3572	3572	Typewriters.....	18	13	19,779	168,877
3576	3576	Scales and balances.....	72	32	5,347	49,125
3579	3579	Office machines, nec.....	120	72	15,625	173,424
3581	----	Automatic vending machines.....	121	53	7,894	64,694
	3579	Office and store machines, nec.....	80	34	4,347	34,749
	3585	Refrigeration machinery.....	32	18	3,456	29,349
	----	All other industries ¹	9	1	91	596
3582	----	Commercial laundry equipment.....	119	47	6,560	65,580
	3582	Laundry and dry-cleaning machinery.....	119	47	6,480	64,717
	----	All other industries ¹			80	863

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3584	3584	Vacuum cleaners, industrial.....	18	6	432	4,256
3585	----	Refrigeration machinery.....	625	278	67,715	598,032
	3585	Refrigeration machinery.....	585	267	66,739	589,078
	3997	Soda fountain and bar equipment.....	40	11	976	8,954
3586	3586	Measuring and dispensing pumps.....	32	20	6,201	64,689
3589	----	Service industry machines, nec.....	341	119	11,257	120,900
	3439	Heating and cooking equipment, nec.....	73	28	2,838	26,248
	3589	Service and household machines, nec.....	243	71	6,967	78,543
	3621	Electrical appliances.....	25	20	1,452	16,109
3599	----	Machine shops.....	10,151	1,089	115,535	959,099
	3599	Machine shops.....	10,139	1,087	114,892	953,395
	----	All other industries ¹	12	2	643	5,704
3611	----	Electrical measuring instruments.....	492	200	46,923	419,396
	3613	Electrical measuring instruments.....	484	198	45,004	409,594
	----	All other industries ¹	8	2	1,919	9,802
3612	----	Transformers.....	175	82	34,601	364,212
	3615	Transformers.....	172	81	34,546	363,351
	----	All other industries ¹	3	1	55	861
3613	----	Switchgear and switchboards.....	402	203	52,871	555,044
	3616	Electrical control apparatus.....	402	203	52,871	555,044
3621	3614	Motors and generators.....	378	237	93,541	813,124
3622	3616	Industrial controls.....	216	75	27,150	281,890
3623	3617	Welding apparatus.....	135	70	9,895	112,709
3624	3612	Carbon and graphite products.....	46	35	8,904	102,483
3629	----	Electric industrial goods, nec.....	286	111	16,842	137,547
	3619	Electrical industrial apparatus, nec.....	283	109	15,681	123,483
	----	All other industries ¹	3	2	1,161	14,064
3631	----	Household cooking equipment.....	69	55	18,152	181,091
	3439	Heating and cooking apparatus (except electrical).....	55	45	12,810	108,598
	3621	Electrical appliances.....	14	10	5,342	72,493
3632	----	Household refrigerators.....	26	26	41,493	433,369
	3585	Refrigeration machinery.....	26	26	41,493	433,369
3633	----	Household laundry equipment.....	39	33	24,597	324,480
	3581	Domestic laundry equipment.....	36	32	24,513	323,900
	----	All other industries ¹	3	1	84	580
3634	----	Electric housewares and fans.....	312	106	29,551	305,514
	3621	Electrical appliances.....	312	106	29,551	305,514
3635	----	Household vacuum cleaners.....	27	14	5,330	84,180
	3584	Vacuum cleaners.....	27	14	5,330	84,180
3636	3583	Sewing machines.....	85	17	9,607	61,991
3639	----	Household appliances, nec.....	94	71	14,622	162,664
	3439	Heating and cooking apparatus (except electric).....	50	38	8,729	80,227
	3589	Service and household machines, nec.....	26	18	4,630	71,927
	3621	Electrical appliances.....	18	15	1,263	10,510
3641	3651	Electric lamps.....	66	52	21,495	270,498
3642	----	Lighting fixtures.....	1,181	431	47,309	397,378
	3471	Lighting fixtures.....	1,177	429	47,231	396,665
	----	All other industries ¹	4	2	78	713
3643	----	Current carrying devices.....	422	160	34,808	294,189
	3611	Wiring devices and supplies.....	402	143	30,829	259,211
	3661	Radios and related products.....	20	17	3,979	34,978
3644	----	Noncurrent carrying devices.....	150	93	19,722	214,607
	3611	Wiring devices and supplies.....	150	93	19,722	214,607
3651	----	Radio and TV receiving sets.....	234	144	66,505	593,953
	3661	Radios and related products.....	234	144	66,505	593,953

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3652	3663	Phonograph records.....	94	53	7,421	93,073
3661	----	Telephone; telegraph apparatus.....	95	55	85,544	740,855
	3664	Telephone and telegraph equipment.....	68	54	85,214	737,691
	----	All other industries ¹	27	1	330	3,164
3662	----	Radio, TV, communication equipment.....	512	260	129,515	1,297,583
	3661	Radios and related products.....	318	211	118,575	1,199,758
	3669	Communication equipment, nec.....	178	43	10,387	92,112
	----	All other industries ¹	16	6	553	5,713
3671	----	Electron tubes, receiving type.....	85	41	36,968	285,799
	3662	Electron tubes.....	85	41	36,968	285,799
3672	----	Cathode ray picture tubes.....	75	30	8,554	67,472
	3662	Electron tubes.....	75	30	8,554	67,472
3673	----	Electron tubes, transmitting.....	48	44	20,146	165,803
	3662	Electron tubes.....	48	44	20,146	165,803
3679	----	Electronic components, nec.....	1,479	737	132,242	914,811
	3661	Radios and related products.....	1,414	684	105,018	693,823
	3662	Electron tubes.....	65	53	27,224	220,988
3691	3691	Storage batteries.....	276	106	14,924	150,061
3692	3692	Primary batteries, dry and wet.....	42	29	8,096	75,431
3693	3693	X-ray and therapeutic apparatus.....	126	33	5,258	58,436
3694	3641	Engine electrical equipment.....	166	98	39,840	366,626
3699	----	Electrical products, nec.....	259	99	10,259	73,581
	3699	Electrical products, nec.....	253	95	9,906	71,349
	3669	Communications equipment, nec.....	6	4	353	2,232
3713	----	Truck and bus bodies.....	562	187	20,009	145,608
	3713	Truck and bus bodies.....	558	185	19,868	144,929
	----	All other industries ¹	4	2	141	679
3715	3715	Truck trailers.....	170	93	15,669	131,140
3717	----	Motor vehicles and parts.....	1,551	744	541,510	6,473,927
	3599	Machine shops.....	250	73	5,797	48,445
	3566	Power transmission equipment.....	29	19	4,994	59,717
	3717	Motor vehicles and parts.....	1,264	651	530,658	6,365,106
	----	All other industries ¹	8	1	61	659
3721	3721	Aircraft.....	127	82	377,383	3,399,163
3722	3722	Aircraft engines and parts.....	223	175	159,094	1,615,671
3723	3723	Aircraft propellers and parts.....	18	10	15,505	112,301
3729	----	Aircraft equipment, nec.....	1,201	508	213,500	1,797,203
	3729	Aircraft equipment, nec.....	1,129	467	158,794	1,343,699
	3566	Power transmission equipment.....	17	14	1,935	16,583
	1929	Ammunition, nec.....	49	22	50,631	417,833
	----	All other industries ¹	6	5	2,140	19,088
3731	3731	Ship building and repairing.....	319	222	119,147	913,687
3732	----	Boat building and repairing.....	1,651	277	25,295	157,309
	3732	Boat building and repairing.....	1,646	276	25,216	156,731
	----	All other industries ¹	5	1	79	578
3741	3741	Locomotives and parts.....	25	13	15,282	152,086
3742	----	Railroad and street cars.....	67	44	24,309	167,576
	3742	Railroad and street cars.....	67	44	23,931	165,066
	----	All other industries ¹			378	2,510
3751	3751	Motorcycles, bicycles, and parts.....	51	29	7,578	52,125
3791	----	Trailer coaches, housing type.....	386	209	18,717	127,683
	3716	Automobile trailers.....	386	209	18,717	127,683
3799	----	Transportation equipment, nec.....	256	69	4,761	38,215
	3799	Transportation equipment, nec.....	133	40	2,530	17,672
	3716	Automobile trailers.....	119	27	2,017	18,885
	----	All other industries ¹	4	2	214	1,658
3811	----	Scientific instruments.....	567	206	67,456	606,530
	3811	Scientific instruments.....	493	175	63,465	576,059
	3576	Scales and balances.....	7	6	386	2,883
	----	All other industries ¹	67	25	3,605	27,588
3821	----	Mechanical measuring devices.....	627	229	50,049	457,126
	3821	Mechanical measuring instruments.....	618	222	48,072	441,340
	3571	Computing and related machines.....	9	7	1,727	12,617
	----	All other industries ¹			250	3,169

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3822	----	Automatic temperature controls.....	83	44	25,513	258,969
	3821	Mechanical measuring instruments.....	83	44	25,513	258,969
3831	3831	Optical instruments and lenses.....	224	58	7,184	60,387
3841	----	Surgical and medical instruments.....	231	88	10,293	85,153
	3841	Surgical and medical instruments.....	206	66	8,714	72,647
	2532	Professional furniture.....	25	22	1,579	12,506
3842	----	Surgical appliances and supplies.....	590	161	24,179	257,640
	3842	Surgical appliances and supplies.....	561	144	21,826	230,141
	3699	Electrical products, nec.....	25	14	1,984	25,714
	----	All other industries ¹	4	3	369	1,785
3843	3843	Dental equipment and supplies.....	249	55	7,242	71,574
3851	3851	Ophthalmic goods.....	246	104	18,223	136,696
3861	3861	Photographic equipment.....	480	159	60,262	788,759
3871	3871	Watches and clocks.....	168	65	23,505	165,158
3872	3872	Watchcases.....	61	24	2,632	18,398
3911	3911	Jewelry, precious metal.....	1,302	183	21,010	165,549
3912	3912	Jewelers' findings and materials.....	249	56	5,101	33,434
3913	3913	Lapidary work.....	326	18	1,904	14,605
3914	3914	Silverware and plated ware.....	209	87	13,852	109,728
3931	----	Musical instruments and parts.....	274	117	17,450	131,703
	3931	Pianos.....	24	22	5,824	37,316
	3932	Organs.....	50	19	2,314	19,252
	3933	Piano and organ parts.....	49	23	3,335	31,133
	3939	Musical instruments, nec ⁷	151	53	5,977	44,002
3941	3941	Games and toys, nec.....	854	367	42,972	288,863
3942	3942	Dolls.....	485	162	13,860	77,149
3943	3943	Children's vehicles.....	58	33	4,708	31,727
3949	----	Sporting and athletic goods, nec.....	1,210	302	37,164	314,059
	3949	Sporting and athletic goods.....	1,206	299	37,025	313,014
	----	All other industries ¹	4	3	139	1,045
3951	----	Pens and mechanical pencils.....	147	66	11,179	90,197
	3951	Pens and mechanical pencils.....	142	64	10,957	88,269
	2899	Chemical products, nec.....	5	2	222	1,928
3952	----	Lead pencils and art goods.....	146	54	6,687	47,909
	3952	Lead pencils.....	53	33	4,891	35,980
	3954	Artists' materials.....	93	21	1,796	11,929
3953	----	Marking devices.....	525	70	5,447	39,940
	3953	Hand stamps and stencils.....	525	70	5,430	39,775
	----	All other industries ¹			17	165
3955	3955	Carbon paper and inked ribbons.....	103	61	5,818	58,951
3961	3961	Costume jewelry.....	1,051	255	25,286	138,043
3962	3962	Artificial flowers.....	431	101	6,770	34,650
3963	----	Buttons.....	356	87	6,462	37,967
	3963	Buttons.....	356	87	6,453	37,908
	----	All other industries ¹			9	59
3964	----	Needles, pins, and fasteners.....	367	128	17,756	127,664
	3964	Needles, pins, and fasteners ⁷	367	128	17,756	127,664
3981	3981	Brooms and brushes.....	723	179	17,082	137,496
3982	2274	Hard surface floor coverings.....	14	14	7,999	93,145
3983	3983	Matches.....	23	20	5,127	41,776
3984	3984	Candles.....	86	25	2,516	17,668
3987	3987	Lamp shades.....	270	50	3,895	18,577
3988	3988	Morticians' goods.....	592	219	17,362	128,879
3992	3992	Furs, dressed and dyed.....	137	31	2,696	24,112
3993	----	Signs and advertising displays.....	2,725	460	36,170	281,168
	3993	Signs and advertising displays.....	2,721	459	36,100	280,763
	----	All other industries ¹	4	1	70	405
3995	3995	Umbrellas, parasols, and canes.....	123	43	2,932	16,602
3999	----	Miscellaneous products, nec.....	1,259	264	27,285	192,313
	3579	Office and store machines, nec.....	26	12	3,100	18,675
	3991	Beauty and barber shop equipment.....	75	22	1,892	16,150
	3994	Hair work.....	130	24	1,593	8,322
	3996	Tobacco pipes.....	32	10	1,122	7,105
	3999	Miscellaneous products, nec.....	986	190	19,279	140,596
	----	All other industries ¹	10	6	299	1,465

See footnotes at end of Part 1.

Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
1911	1911	Guns, howitzers, and mortars.....	5	4	251	2,942
1921	1921	Artillery ammunition.....	25	17	4,028	26,811
1922	1922	Ammunition loading.....	6	4	1,189	8,985
1925	----	Complete guided missiles.....	26	26	108,431	1,155,021
	1929	Ammunition, nec.....	23	23	100,678	1,104,394
	----	All other industries ¹	3	3	7,753	48,627
1929	----	Ammunition, nec.....	19	16	6,114	51,231
	1929	Ammunition, nec.....	19	16	5,875	50,213
	----	All other industries ¹			239	1,018
1931	1931	Tanks and tank components.....	17	10	7,069	63,711
1941	----	Sighting and fire control equipment.....	25	20	45,506	457,757
	1941	Sighting and fire control equipment.....	25	20	44,571	448,724
	----	All other industries ¹			935	9,033
1951	1951	Small arms, 30 mm and under.....	34	23	8,010	51,005
1961	1961	Small arms ammunition.....	24	12	9,049	82,733
1999	1999	Ordnance and accessories, nec.....	47	22	15,297	162,190

¹ Withheld to avoid disclosing figures for individual companies.

² These data are for a miscellaneous group of establishments that were classified in the industry because of (a) shifts in their product classification to conform to the new SIC and (b) classification errors for small establishments that were not corrected since they were not statistically significant.

³ Includes 1 establishment classified in the old Industry 2411, Logging Camps and Contractors.

⁴ Includes 1 establishment previously classified in Industry 2394 and 1 establishment in Industry 2561, not shown separately in order to avoid disclosing figures for individual companies.

⁵ Includes 19 establishments formerly in Industry 2899, Chemical Products, NEC, which were reclassified into Industry 2819 because of the change in definition of Industry 2819 to include establishments primarily engaged in the manufacture of chemical catalytic preparations.

⁶ Includes 12 plants that were formerly classified in the old Industry 2842, Cleaning and Polishing Preparations, and 1 plant formerly classified in Industry 2851, Paint and Varnishes. This reclassification was caused by the transfer of paint and varnish removers and brush cleaners from old Industry 2842 to new Industry 2852.

⁷ Includes establishments with 2,500 to 4,999 employees primarily engaged in producing synthetic sausage casings which were classified into this industry from old Industry 2013, Prepared Meats.

Represents establishments which produce seamless pipe from purchased materials. For years prior to 1958 such establishments were included in Industry 3312, but the 1957 edition of the SIC Manual classifies such establishments in Industry 3317 along with other establishments producing pipe and tubes from purchased materials. However, since the product data reported for steel pipe and tubes differentiated by type of pipe, e.g., standard, line, pressure, mechanical, etc., rather than by method of manufacture, it is possible that a few additional establishments may have been misclassified in the steel pipe and tubes industry which properly belonged in the Blast Furnaces and Steel Mills industry in the previous classification system.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2011	----	Meat packing plants.....	2,801	977	200,783	1,746,603
2013	----	Prepared meats.....	1,500	500	51,451	472,265
	2013	Prepared meats.....	1,480	493	48,184	435,995
	----	All other industries ^{2 3}	20	7	3,267	36,270
2015	2015	Poultry dressing plants.....	1,131	518	55,635	266,177
2021	----	Creamery butter.....	1,066	233	17,567	149,326
	2021	Creamery butter.....	1,058	228	17,295	147,207
	----	All other industries ²	8	5	272	2,119
2022	----	Natural cheese.....	1,290	184	15,205	126,753
	2022	Natural cheese.....	1,195	158	13,351	106,949
	2026	Fluid milk.....	95	26	1,854	19,804
2023	----	Concentrated milk.....	296	194	12,495	180,372
	2023	Condensed and evaporated milk.....	289	189	12,091	176,022
	----	All other industries ²	7	5	404	4,350
2024	----	Ice cream and ices.....	1,389	462	35,125	397,674
	2024	Ice cream and frozen desserts.....	1,379	453	34,487	392,765
	----	All other industries ²	10	9	638	4,909
2025	----	Special dairy products.....	203	55	5,714	60,585
	2023	Condensed and evaporated milk.....	24	13	1,354	26,687
	2025	Special dairy products.....	107	35	3,371	23,923
	2026	Fluid milk.....	72	7	789	9,975
2027	----	Fluid milk and other products.....	5,628	2,184	207,602	1,948,875
	2026	Fluid milk.....	5,625	2,183	207,519	1,948,476
	----	All other industries ²	3	1	83	399
2031	----	Canned seafood.....	252	142	12,696	87,749
	2031	Canned and cured seafoods.....	252	142	12,696	87,749
2032	----	Cured fish.....	81	26	2,017	12,493
	2031	Canned and cured seafoods.....	81	26	2,017	12,493
2033	----	Canned fruits and vegetables.....	1,652	966	123,473	1,243,376
	2032	Canned specialties.....	100	66	23,986	338,240
	2033	Canned fruits and vegetables.....	1,523	884	96,906	772,210
	2015	Poultry dressing plants.....	14	8	1,944	9,869
	2037	Frozen fruits and vegetables.....	2	2	(D)	(D)
	2086	Bottled and canned soft drinks.....	10	5	260	4,056
	----	All other industries ²	3	1	(D)	(D)
2034	2034	Dehydrated fruits and vegetables.....	161	67	7,599	75,529
2035	----	Pickles and sauces.....	705	235	22,952	203,238
	2033	Canned fruits and vegetables.....	84	29	3,178	36,096
	2035	Pickles and sauces.....	621	205	19,500	164,624
	----	All other industries ²		1	274	2,518
2036	2036	Packaged seafood.....	440	223	17,469	82,368
2037	----	Frozen fruits and vegetables.....	303	178	26,288	219,321
	2037	Frozen fruits and vegetables.....	297	173	25,370	209,444
	----	All other industries ²	6	5	918	9,877
2041	2041	Flour and meal.....	814	250	28,215	393,053
2042	2042	Prepared animal feeds.....	2,379	715	57,313	798,892
2043	2043	Cereal breakfast foods.....	43	25	10,927	243,088
2044	2044	Rice milling.....	72	51	3,843	53,152
2045	2045	Flour mixes.....	117	30	4,894	118,073
2051	2051	Bread and related products.....	5,985	2,149	256,963	2,111,820
2052	2052	Biscuit and crackers.....	299	180	42,983	505,618
2061	2061	Raw cane sugar.....	50	44	3,011	21,841
2062	2062	Cane sugar refining.....	28	25	15,213	184,824
2063	2063	Beet sugar.....	66	66	10,324	130,393
2071	2071	Confectionery products.....	1,367	411	65,722	507,783

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2072	2072	Chocolate and cocoa products.....	28	25	8,271	135,098
2073	2073	Chewing gum.....	26	15	5,344	102,280
2081	----	Bottled soft drinks.....	4,357	1,407	96,143	840,971
	2086	Bottled and canned soft drinks.....	4,352	1,406	96,087	840,632
	----	All other industries ²	5	1	56	339
2082	2082	Beer and ale.....	258	224	71,494	1,114,590
2083	2083	Malt.....	46	34	2,404	55,087
2084	2084	Wines and brandy.....	239	73	5,941	114,242
2085	2085	Distilled liquor, except brandy.....	122	91	20,528	444,851
2091	----	Leavening compounds.....	39	22	2,391	58,809
	2099	Food preparations, nec.....	39	22	2,391	58,809
2092	----	Shortening and cooking oils.....	91	52	9,578	160,461
	2096	Shortening and cooking oils.....	69	50	9,419	158,256
	----	All other industries ²	22	2	159	2,205
2093	----	Margarine.....	34	28	2,699	56,490
	2096	Shortening and cooking oils.....	34	28	2,699	56,490
2094	----	Corn wet milling.....	59	26	13,792	249,435
	2046	Wet corn milling.....	59	26	13,792	249,435
2095	2087	Flavorings.....	527	94	9,446	262,025
2097	2097	Manufactured ice.....	1,570	170	14,557	107,527
2098	2098	Macaroni and spaghetti.....	214	76	6,825	67,130
2099	----	Food preparations, nec.....	2,925	862	86,312	1,173,897
	2015	Poultry dressing plants.....	79	66	4,490	30,923
	2032	Canned specialties.....	7	3	200	2,607
	2052	Biscuit and crackers.....	35	23	1,350	16,872
	2071	Confectionery products.....	23	10	665	3,905
	2099	Food preparations, nec.....	2,642	670	65,448	1,005,663
	2037	Frozen fruits and vegetables.....				
	----	All other industries ²	139	90	14,159	113,927
2111	2111	Cigarettes.....	19	16	33,832	1,058,554
2121	2121	Cigars.....	283	114	29,350	185,140
2131	2131	Chewing and smoking tobacco.....	58	28	6,348	86,188
2141	2141	Tobacco stemming and redrying.....	144	122	14,937	85,578
2211	2297	Scouring and combing plants.....	81	46	6,075	36,073
2212	----	Yarn mills, wool, except carpet.....	132	114	15,809	88,101
	2281	Yarn mills, except wool.....	17	17	3,743	22,689
	2283	Wool yarn mills.....	111	96	12,009	65,197
	----	All other industries ²	4	1	57	215
2213	----	Woolen and worsted fabrics.....	308	228	49,326	292,706
	2231	Weaving, finishing mills, wool.....	305	227	49,252	292,365
	----	All other industries ²	3	1	74	341
2216	----	Finishing wool textiles.....	74	44	4,771	32,383
	2231	Weaving, finishing mills, wool.....	74	44	4,771	32,383
2222	----	Yarn throwing mills.....	117	88	9,085	50,902
	2282	Throwing and winding mills.....	117	88	9,085	50,902
2223	2284	Thread mills.....	86	49	11,213	62,965
2224	----	Yarn mills, cotton system.....	359	311	75,538	337,461
	2281	Yarn mills, except wool.....	316	282	61,929	259,114
	2296	Tire cord and fabric.....	23	23	12,214	69,844
	2282	Throwing and winding mills.....			178	1,085
	----	All other industries ²	20	6	1,217	7,418
2233	----	Cotton broad-woven fabrics.....	492	394	242,451	1,073,743
	2211	Weaving mills, cotton.....	489	393	242,145	1,070,569
	----	All other industries ²	3	1	306	3,174
2234	----	Synthetic broad-woven fabrics.....	404	312	82,583	473,226
	2221	Weaving mills, synthetics.....	401	310	81,688	468,583
	----	All other industries ²	3	2	895	4,643
2241	----	Narrow fabric mills.....	490	243	24,633	142,871
	2241	Narrow fabric mills.....	490	243	24,587	142,638
	----	All other industries ²			46	233

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2251	2251	Full-fashioned hosiery mills.....	432	241	33,687	172,996
2252	2252	Seamless hosiery mills.....	659	489	69,483	290,825
2253	2253	Knit outerwear mills.....	1,120	632	60,603	339,582
2254	2254	Knit underwear mills.....	140	122	27,918	135,703
2255	----	Knit glove mills.....	24	19	1,808	6,710
	2259	Knitting mills, nec.....	24	19	1,808	6,710
2256	2256	Knit fabric mills.....	357	181	18,356	147,394
2259	2259	Knitting mills, nec.....	51	19	1,422	7,833
2261	----	Finishing textiles, except wool.....	809	393	73,553	457,962
	2261	Finishing plants, cotton.....	446	174	49,212	289,115
	2262	Finishing plants, synthetics.....	197	132	16,185	114,825
	2269	Dyeing and finishing textiles, nec.....	155	79	7,808	52,005
	----	All other industries ²	11	8	348	2,017
2271	----	Wool carpets and rugs.....	115	86	24,995	180,247
	2271	Woven carpets and rugs.....	52	39	17,491	125,514
	2272	Tufted carpets and rugs.....	13	9	1,267	(D)
	2279	Carpets and rugs, nec.....	3	2	989	(D)
	2281	Yarn mills, except wool.....	11	10	1,297	5,824
	2283	Wool yarn mills.....	36	26	3,951	25,966
2273	----	Carpets and rugs, except wool.....	214	122	13,921	112,009
	2271	Woven carpets and rugs.....	17	8	660	2,930
	2272	Tufted carpets and rugs.....	79	63	10,261	(D)
	2279	Carpets and rugs, nec.....	118	51	3,000	(D)
2274	----	Hard-surface floor coverings.....	16	16	8,091	93,411
	3982	Hard-surface floor coverings.....			7,999	93,145
	----	All other industries ²	16	16	92	266
2281	----	Fur-felt hats and hat bodies.....	64	36	6,278	37,507
	2352	Hats and caps.....	53	36	6,221	37,222
	----	All other industries ²	11	...	57	285
2282	----	Wool-felt hats and hat bodies.....	23	9	1,809	8,405
	2352	Hats and caps.....	16	9	1,782	8,265
	----	All other industries ²	7	...	27	140
2283	----	Straw hats.....	37	24	2,058	10,010
	2352	Hats and caps.....	33	24	2,026	9,920
	----	All other industries ²	4	...	32	90
2284	----	Hatter's fur.....	25	8	612	3,421
	2398	Trimnings and stitching.....	25	8	612	3,421
2291	2291	Felt goods, nec.....	66	28	4,573	44,443
2292	----	Lace goods.....	211	68	6,769	34,698
	2292	Lace goods.....	208	66	6,689	34,247
	----	All other industries ²	3	2	80	451
2293	2293	Padding and upholstery filling.....	196	83	7,139	57,303
2294	2294	Processed textile waste.....	183	68	4,607	31,100
2295	----	Coated fabric, except rubberized.....	128	66	10,527	103,213
	2295	Coated fabric, not rubberized.....			10,182	100,420
	----	All other industries ²	128	66	345	2,793
2298	2298	Cordage and twine.....	147	71	9,583	65,106
2299	----	Textile goods, nec.....	175	72	10,119	74,919
	2299	Textile goods, nec.....	138	49	7,862	60,841
	2282	Throwing and winding mills.....			2,245	13,948
	----	All other industries ²	37	23	12	130
2311	2311	Men's and boys' suits and coats.....	1,353	757	121,857	641,292
2312	----	Suit and coat findings.....	93	44	2,420	13,549
	2398	Trimnings and stitching.....	93	44	2,420	13,549
2321	2321	Men's dress shirts and nightwear.....	880	606	103,596	421,876
2322	----	Men's and boys' underwear.....	94	75	12,487	51,984
	2322	Men's and boys' underwear.....	91	73	12,326	51,621
	----	All other industries ²	3	2	161	363
2323	2323	Men's and boys' neckwear.....	360	110	7,663	48,692

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2325	----	Men's and boys' cloth hats.....	346	101	7,746	36,160
	2352	Hats and caps.....	346	101	{ 7,672	35,891
	----	All other industries ²				
2326	----	Hat and cap materials.....	42	8	623	4,033
	2398	Trimmings and stitching.....	42	8	623	4,033
2327	----	Separate trousers.....	748	366	51,592	208,684
	2327	Separate trousers.....	744	363	51,365	207,866
	----	All other industries ²	4	3	227	818
2328	----	Work shirts.....	50	40	6,282	20,482
	2328	Work clothing.....	50	40	6,282	20,482
2329	----	Men's and boys' clothing, nec.....	989	680	90,890	384,950
	2328	Work clothing.....	450	356	58,498	234,999
	2329	Men's and boys' clothing, nec.....	539	324	32,392	149,951
2331	2331	Blouses.....	1,236	722	46,317	189,265
2333	----	Dresses, unit price.....	3,700	2,346	135,606	765,236
	2335	Women's dresses.....	3,700	2,346	135,606	765,236
2334	----	Dresses, dozen price.....	1,204	665	57,273	246,244
	2335	Women's dresses.....	953	553	49,111	205,727
	2339	Women's outerwear, nec.....	251	112	8,162	40,517
2337	----	Women's suits, coats, and skirts.....	2,685	1,350	84,159	514,947
	2337	Women's suits, coats, and skirts.....	2,685	1,350	{ 84,145	514,901
	----	All other industries ²				
2338	----	Women's neckwear and scarfs.....	88	21	1,447	8,300
	2339	Women's outerwear, nec.....	88	21	1,447	8,300
2339	----	Women's outerwear, nec.....	840	433	35,221	189,680
	2331	Women's blouses.....	24	13	1,167	10,899
	2339	Women's outerwear, nec.....	816	420	34,054	178,781
2341	2341	Women's and children's underwear.....	1,231	720	73,527	347,705
2342	----	Corsets and allied garments.....	423	284	38,144	249,974
	2342	Corsets and allied garments.....	414	279	37,808	248,543
	2389	Apparel, nec.....	6	3	253	1,170
	3842	Surgical appliances and supplies.....	3	2	83	261
2351	2351	Millinery.....	803	284	17,838	109,133
2361	2361	Children's dresses.....	779	473	34,685	160,628
2363	2363	Children's coats.....	370	210	12,798	68,205
2369	----	Children's outerwear, nec.....	779	391	33,326	152,516
	2361	Children's dresses.....	23	14	1,438	6,466
	2369	Children's outerwear, nec.....	756	377	31,888	146,050
2371	2371	Fur goods.....	1,651	78	9,355	95,411
2381	----	Fabric dress gloves.....	101	44	4,176	19,299
	2381	Fabric dress and work gloves.....	101	44	4,176	19,299
2382	----	Fabric work gloves.....	127	86	9,765	34,631
	2381	Fabric dress and work gloves.....	127	86	9,765	34,631
2383	----	Suspenders and garters.....	40	9	797	3,982
	2389	Apparel, nec.....	40	9	797	3,982
2384	2384	Robes and dressing gowns.....	278	155	10,625	56,442
2385	----	Waterproof outer garments.....	279	138	13,395	73,859
	2385	Waterproof outer garments.....	279	138	{ 13,159	73,070
	----	All other industries ²				
2386	2386	Leather and sheeplined clothing.....	154	71	4,626	27,847
2387	----	Belts.....	457	146	10,222	53,994
	2387	Apparel belts.....	457	146	{ 10,150	53,726
	----	All other industries ²				
2388	----	Handkerchiefs.....	83	35	2,536	14,535
	2389	Apparel, nec.....	83	35	2,536	14,535
2389	----	Apparel, nec.....	182	46	3,954	21,622
	2389	Apparel, nec.....	182	46	{ 3,939	21,575
	----	All other industries ²				

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code			Establishments, number		All employees, number	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2391	2391	Curtains and draperies.....	781	205	16,325	87,053
2392	----	Housefurnishings, nec.....	1,209	396	37,005	219,425
	2392	Housefurnishings, nec.....	1,205	393	36,769	218,295
	----	All other industries ²	4	3	236	1,130
2393	2393	Textile bags.....	237	101	9,114	51,638
2394	----	Canvas products.....	853	125	9,902	53,820
	2394	Canvas products.....	853	125	9,875	53,696
	----	All other industries ²			27	124
2395	----	Tucking, pleating, and stitching.....	448	70	5,042	23,929
	2398	Trimnings and stitching.....	448	70	5,042	23,929
2396	----	Trimnings and art goods.....	739	178	16,557	94,700
	2398	Trimnings and stitching.....	739	178	16,557	94,700
2397	----	Schiffli machine embroideries.....	707	49	5,807	44,581
	2397	Schiffli machine embroideries.....	703	48	5,739	44,311
	----	All other industries ²	4	1	68	270
2398	----	Embroideries, except Schiffli.....	832	102	7,458	37,054
	2398	Trimnings and stitching.....	832	102	7,458	37,054
2399	----	Fabricated textile products, nec.....	1,009	242	18,283	104,304
	2231	Weaving, finishing mills, wool.....	85	35	1,723	10,709
	2399	Textile products, nec.....	912	206	16,476	92,428
	3717	Motor vehicles and parts.....	8	1	61	659
	----	All other industries ²	4	...	23	508
2411	----	Logging camps and contractors.....	12,793	550	71,367	386,625
	2411	Logging camps and contractors.....	12,782	550	71,309	386,421
	----	All other industries ²	11	...	58	204
2421	----	Sawmills and planing mills.....	16,046	2,709	268,496	1,292,640
	2421	Sawmills and planing mills.....	15,623	2,483	245,032	1,189,360
	2426	Hardwood dimension and flooring.....	340	209	21,546	93,429
	2429	Special product sawmills, nec.....	38	...	251	1,495
	2411	Logging camps and contractors.....	23	4	196	997
	----	All other industries ²	22	13	1,471	7,359
2422	----	Veneer mills.....	288	206	13,103	75,116
	2432	Veneer and plywood plants.....	288	206	13,103	75,116
2423	----	Shingle mills.....	219	40	2,731	17,159
	2429	Special product sawmills, nec.....	219	40	2,731	17,159
2424	----	Cooperage stock mills.....	156	44	2,958	10,499
	2429	Special product sawmills, nec.....	156	44	2,958	10,499
2425	----	Excelsior mills.....	65	21	1,236	6,970
	2429	Special product sawmills, nec.....	65	21	1,236	6,970
2431	----	Millwork plants.....	3,021	713	61,441	410,623
	2431	Millwork plants.....	2,991	700	60,511	404,364
	2499	Wood products, nec.....	18	6	318	2,460
	----	All other industries ²	12	7	612	3,799
2432	----	Plywood plants.....	313	257	47,706	326,756
	2432	Veneer and plywood plants.....	293	242	45,832	312,068
	2499	Wood products, nec.....			1,594	12,870
	----	All other industries ²	20	15	280	1,818
2433	2433	Prefabricated wood products.....	374	150	13,550	122,344
2441	----	Fruit and vegetable baskets.....	99	61	5,256	17,722
	2443	Veneer and plywood containers.....	99	61	5,256	17,722
2442	----	Rattan and willow ware.....	54	16	1,368	6,183
	2499	Wood products, nec.....	36	14	1,246	5,663
	2442	Wire bound boxes and crates.....	18	2	122	520
2443	----	Cigar boxes.....	7	3	220	1,053
	2441	Nailed wooden boxes and shook.....	7	3	220	1,053

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2444	----	Wooden boxes.....	944	306	28,884	138,065
	2441	Nailed wooden boxes.....	858	245	19,480	94,875
	2442	Wirebound boxes and crates.....	80	57	9,244	42,589
	2443	Veneer and plywood containers.....	6	4	160	601
2445	2445	Cooperage.....	190	35	3,871	19,843
2491	2491	Wood preserving.....	306	148	10,933	72,508
2492	----	Lasts and related products.....	65	27	2,024	15,307
	2499	Wood products, nec.....	65	27	2,024	15,307
2493	----	Mirror and picture frames.....	346	58	5,738	37,643
	2499	Wood products, nec.....	346	58	5,738	37,643
2499	----	Wood products, nec.....	2,311	521	37,757	193,234
	2426	Hardwood dimension and flooring.....	96	54	3,594	16,925
	2499	Wood products, nec.....	2,206	464	34,035	175,711
	----	All other industries ²	9	3	128	598
2511	----	Wood house furniture, not upholstered.....	2,816	931	125,263	704,278
	2511	Wood furniture, not upholstered.....	2,810	930	125,192	704,018
	----	All other industries ²	6	1	71	260
2512	----	Upholstered household furniture.....	1,922	771	67,655	432,194
	2512	Wood furniture, upholstered.....	1,756	682	61,442	391,058
	2515	Mattresses and bedsprings.....	163	88	6,186	40,957
	----	All other industries ²	3	1	27	179
2514	----	Metal household furniture.....	627	273	30,704	218,989
	2514	Metal household furniture.....	623	271	30,623	218,373
	----	All other industries ²	4	2	81	616
2515	2515	Mattresses and bedsprings.....	1,052	289	25,517	207,844
2519	----	Household furniture, nec.....	93	33	2,215	16,304
	2519	Household furniture, nec.....	93	33	2,186	16,122
	----	All other industries ²	93	33	29	182
2521	2521	Wood office furniture.....	150	56	5,821	38,427
2522	2522	Metal office furniture.....	151	88	17,469	173,673
2531	----	Public-building furniture.....	388	146	16,052	113,785
	2531	Public-building furniture.....	388	146	15,841	112,088
	----	All other industries ²	388	146	211	1,697
2532	----	Professional furniture.....	94	50	7,431	57,786
	3841	Surgical and medical instruments.....	25	22	1,579	12,506
	----	All other industries ²	69	28	5,852	45,280
2541	----	Partitions and fixtures.....	1,848	428	37,853	305,196
	254-	Partitions and fixtures.....	1,844	425	37,526	300,218
	----	All other industries ²	4	3	327	4,978
2561	----	Window and door screens.....	272	54	4,628	37,803
	2431	Millwork plants.....	168	11	1,200	7,680
	3442	Metal doors, sash, and trim.....	100	42	3,403	29,972
	----	All other industries ²	4	1	25	151
2562	----	Window shades.....	287	26	4,692	40,456
	2591	Venetian blinds and shades.....	287	26	4,692	40,456
2563	----	Venetian blinds.....	561	57	6,465	42,766
	2591	Venetian blinds and shades.....	561	57	6,465	42,766
2591	----	Restaurant furniture.....	172	45	3,187	23,844
	2599	Furniture and fixtures, nec.....	168	43	3,102	23,024
	----	All other industries ²	4	2	85	820
2599	2599	Furniture and fixtures, nec.....	84	29	2,823	22,335
2611	----	Pulp mills.....	69	52	14,631	207,305
	2611	Pulp mills.....	59	48	14,171	196,026
	2861	Gum and wood chemicals.....	10	4	460	11,279
2612	----	Paper and paperboard mills.....	606	568	188,420	2,381,875
	2621	Paper mills, except building.....	354	318	131,334	1,541,818
	2631	Paperboard mills.....	252	250	57,086	840,057
2613	2661	Building paper and board mills.....	129	96	20,363	213,369

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2641	----	Paper coating and glazing.....	302	155	24,976	288,724
	2641	Paper coating and glazing.....	298	152	24,462	283,869
	----	All other industries ²	4	3	514	4,855
2651	----	Envelopes.....	207	146	17,767	138,416
	2642	Envelopes.....	207	146	{ 17,757	{ 138,318
	----	All other industries ²				
					10	98
2661	----	Paper bags.....	510	250	38,574	305,268
	2643	Bags, except textile bags.....	458	249	38,279	303,587
	----	All other industries ²	52	1	295	1,681
2671	----	Paperboard boxes.....	1,846	1,202	140,713	1,115,617
	2651	Folding paperboard boxes.....	514	341	46,389	391,031
	2652	Set-up paperboard boxes.....	527	347	23,532	124,892
	2655	Corrugated shipping containers.....	759	489	69,141	582,416
	2655	Fiber cans, tubes, drums, etc.....	9	3	358	2,423
	----	All other industries ²	37	22	1,293	14,855
2674	----	Fiber cans, tubes, drums, etc.....	189	109	10,613	77,125
	2655	Corrugated shipping containers.....	189	109	10,613	77,125
2691	----	Die-cut paper and board.....	371	118	11,843	106,924
	2645	Die-cut paper and board.....	371	118	{ 11,798	{ 106,783
	----	All other industries ²				
					45	141
2693	2644	Wallpaper.....	73	29	2,806	21,463
2694	----	Pulp goods, pressed and molded.....	55	28	4,472	49,819
	2646	Pressed and molded pulp goods.....	55	28	4,472	49,819
2699	----	Paper and board products, nec.....	981	516	81,298	802,626
	2641	Paper coating and glazing.....	38	21	2,257	28,377
	2649	Paper and board products, nec.....	726	313	43,181	412,206
	2653	Corrugated shipping containers.....	46	25	1,651	14,518
	2654	Sanitary food containers.....	136	125	29,493	309,224
	2751	Printing: letterpress.....	28	25	3,409	29,184
	2752	Printing: lithographic.....	4	4	373	2,689
	----	All other industries ²	3	3	934	6,428
2711	2711	Newspapers.....	8,250	1,724	294,258	2,516,921
2721	2721	Periodicals.....	2,323	387	66,028	932,554
2731	2731	Books: publishing.....	903	233	40,069	616,241
2732	2732	Book printing.....	791	205	28,625	226,793
2741	2741	Miscellaneous publishing.....	1,105	164	19,870	206,851
2751	----	Commercial printing.....	13,160	1,710	198,425	1,587,832
	2751	Printing: letterpress.....	12,835	1,580	183,380	1,435,990
	2752	Printing: lithographic.....	36	7	487	4,063
	2761	Manifold business forms.....	273	115	14,042	143,649
	----	All other industries ²	16	8	516	4,130
2761	----	Lithographing.....	4,248	1,086	98,035	885,276
	2751	Printing: letterpress.....	125	31	1,651	12,522
	2752	Printing: lithographic.....	3,703	1,015	88,808	790,501
	2761	Manifold business forms.....	411	37	7,351	80,934
	----	All other industries ²	9	3	225	1,319
2771	2771	Greeting cards.....	282	100	21,777	178,563
2781	----	Bookbinding.....	757	227	17,898	105,032
	2789	Bookbinding and related work.....	757	227	{ 17,894	{ 105,021
	----	All other industries ²				
					4	11
2782	----	Blankbooks and paper ruling.....	310	110	10,840	83,239
	2761	Manifold business forms.....	18	13	2,199	20,383
	2782	Blankbooks; looseleaf binders.....	289	95	8,141	59,244
	----	All other industries ²	3	2	500	3,612
2783	----	Looseleaf binders and devices.....	138	65	9,150	69,594
	2782	Blankbooks; looseleaf binders.....	136	64	9,079	69,159
	----	All other industries ²	2	1	71	435

See footnotes at end of Part 2.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
1789	----	Miscellaneous bookbinding work.....	215	67	4,290	27,858
	2789	Bookbinding and related work.....	213	65	4,152	26,957
	----	All other industries ²	2	2	138	901
2791	2791	Typesetting.....	1,188	247	18,011	155,125
2792	2753	Engraving and plate printing.....	528	102	9,047	64,471
2793	2793	Photoengraving.....	914	272	17,251	172,158
2794	2794	Electrotyping and stereotyping.....	226	111	6,759	62,675
2811	----	Sulfuric acid.....	50	38	3,455	72,649
	2819	Inorganic chemicals, nec.....	50	38	3,455	72,649
2812	2812	Alkalies and chlorine.....	34	32	20,476	306,187
2819	2819	Inorganic chemicals, nec.....	509	251	84,909	1,369,179
2821	2814	Cyclic (coal tar) crudes.....	45	23	2,084	29,995
2822	----	Intermediates and organic colors.....	115	87	26,218	373,106
	2815	Intermediate coal tar products.....	115	87	26,218	373,106
2823	2821	Plastics materials.....	343	195	50,781	863,991
2824	2822	Synthetic rubber.....	18	17	9,252	197,866
2825	----	Synthetic fiber.....	42	41	61,496	837,667
	2823	Cellulosic man-made fibers.....	26	26	42,597	390,310
	2824	Organic fibers, noncellulosic.....	16	15	18,684	439,638
	----	All other industries ²			215	7,719
2826	2892	Explosives.....	77	58	14,971	131,646
2829	----	Organic chemicals, nec.....	350	193	78,321	1,687,452
	2818	Organic chemicals, nec.....	331	183	77,178	1,664,419
	2843	Surface active agents.....	19	10	743	16,850
	----	All other industries ²			400	6,183
2831	2831	Biological products.....	116	35	3,692	38,947
2832	----	Medicinal chemicals (including botanicals).....	129	50	10,246	175,817
2833	2833	Medicinals and botanicals.....	129	50	10,246	175,817
2834	----	Pharmaceutical preparations.....	1,116	318	82,027	1,887,397
	2834	Pharmaceutical preparations.....	1,113	317	81,961	1,877,091
	----	All other industries ²	3	1	66	10,306
2841	----	Soap and glycerin.....	251	78	20,722	657,005
	2841	Soap and other detergents.....	245	76	20,638	655,669
	----	All other industries ²	6	2	84	1,336
2842	----	Cleaning and polishing preparations.....	1,295	238	21,569	435,367
	2841	Soap and other detergents.....	359	85	8,880	201,431
	2842	Polishes and sanitation goods.....	901	137	11,754	218,852
	2843	Surface active agents.....	20	9	528	8,799
	2852	Putty and calking compounds.....	12	5	330	5,554
	----	All other industries ²	3	2	77	731
2843	----	Sulfonated oils and assistants.....	105	28	1,799	25,847
	2843	Surface active agents.....	105	28	1,796	25,687
	----	All other industries ²			3	160
2851	----	Paints and varnishes.....	1,593	579	57,106	784,352
	2851	Paints and varnishes.....	1,593	579	57,034	783,285
	----	All other industries ²			72	1,067
2852	----	Inorganic color pigments.....	96	57	11,531	238,050
	2816	Inorganic pigments.....	96	57	11,261	234,294
	----	All other industries ²			270	3,756
2853	----	Whiting and fillers.....	107	18	1,393	17,698
	2852	Putty and calking compounds.....	107	18	1,334	16,989
	----	All other industries ²			59	709
2861	----	Hardwood distillation.....	50	12	1,776	10,752
	2861	Gum and wood chemicals.....	50	12	1,776	10,752
2862	----	Softwood distillation.....	79	14	4,193	54,172
	2861	Gum and wood chemicals.....	79	14	4,193	54,172

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ² (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
2863	----	Gum naval stores.....	24	8	467	5,063
	2861	Gum and wood chemicals.....	24	8	467	5,063
2865	----	Tanning and dyeing materials.....	27	3	355	4,036
	2861	Gum and wood chemicals.....	27	3	355	4,036
2871	2871	Fertilizers.....	283	205	18,728	197,943
2872	2872	Fertilizers, mixing only.....	685	202	12,161	105,845
2881	2091	Cottonseed oil mills.....	214	163	8,355	63,587
2882	----	Linseed oil mills.....	9	8	1,055	17,832
	2093	Vegetable oil mills, nec.....	9	8	1,055	17,832
2883	----	Soybean oil mills.....	100	85	8,142	149,909
	2092	Soybean oil mills.....	100	85	7,985	138,937
	----	All other industries ²				
					157	10,972
2884	----	Vegetable oil mills, nec.....	34	11	1,076	13,703
	2093	Vegetable oil mills, nec.....	34	11	1,076	13,703
2886	----	Grease and tallow.....	531	169	12,072	125,605
	2094	Grease and tallow.....	513	167	11,857	122,579
	----	All other industries ²	18	2	215	3,026
2887	2894	Fatty acids.....	12	12	1,558	20,594
2889	2095	Animal oils, nec.....	75	36	2,153	23,985
2891	2893	Printing ink.....	302	94	7,960	108,803
2892	----	Essential oils.....	25	9	899	16,533
	2899	Chemical preparations, nec.....	25	9	899	16,533
2893	2844	Toilet preparations.....	745	179	29,375	686,540
2894	2891	Glue and gelatin.....	242	78	6,853	85,048
2895	----	Carbon black.....	42	34	3,278	74,019
	2895	Carbon black.....	36	32	3,162	72,641
	----	All other industries ²	6	2	116	1,378
2896	----	Compressed and liquefied gases.....	491	177	10,642	174,249
	2813	Industrial gases.....	491	177	10,642	174,249
2897	----	Insecticides and fungicides.....	299	86	6,467	84,589
	2873	Agricultural pesticides.....	296	84	6,247	78,385
	----	All other industries ²	3	2	220	6,204
2898	----	Salt.....	39	24	4,167	59,251
	2899	Chemical preparations, nec.....	39	24	4,167	59,251
2899	----	Chemical products, nec.....	1,501	259	26,105	432,463
	2842	Polishes and sanitation goods.....	249	48	4,318	72,831
	2873	Agricultural pesticides.....	38	15	1,481	31,908
	2891	Glue and gelatin.....	31	14	1,015	20,902
	2899	Chemical preparations, nec.....	1,149	164	17,941	278,660
	3951	Pens and mechanical pencils.....	5	2	222	1,928
	----	All other industries ²	29	16	1,128	26,234
2911	2911	Petroleum refining.....	446	313	146,025	2,119,402
2951	2951	Paving mixtures and blocks.....	563	89	7,797	112,548
2952	2952	Roofing felts and coatings.....	209	128	15,520	159,449
2992	2992	Lubricants, nec.....	306	90	7,568	103,084
2999	2999	Petroleum and coal products, nec.....	84	33	2,256	26,903
3011	3011	Tires and inner tubes.....	62	55	87,246	1,155,205
3021	3021	Rubber footwear.....	27	26	20,359	149,608
3031	3031	Reclaimed rubber.....	16	14	2,215	20,843
3099	----	Rubber industries, nec.....	1,138	590	122,114	1,026,006
	3011	Tires and inner tubes.....	61	31	2,149	24,752
	3069	Fabricated rubber products, nec.....	1,074	558	119,565	997,254
	----	All other industries ²	3	1	400	4,000
3111	3111	Leather tanning and finishing.....	578	280	37,130	275,796
3121	3121	Industrial leather belting.....	104	32	3,975	36,300
3131	3131	Footwear cut stock.....	513	234	17,937	97,850
3141	3141	Footwear, except rubber.....	1,115	887	215,311	1,086,260
3142	3142	House slippers.....	164	97	11,520	59,656
3151	----	Leather dress gloves.....	104	48	4,086	16,680
	3151	Leather gloves.....	104	48	3,935	16,171
	----	All other industries ²				
					151	509
3152	----	Leather work gloves.....	76	28	2,166	8,598
	3151	Leather gloves.....	76	28	2,166	8,598

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3161	----	Luggage.....	428	152	15,609	96,304
	3161	Luggage.....	411	147	15,226	93,705
	3172	Small leather goods.....	17	5	383	2,599
3171	----	Hand bags and purses.....	622	264	22,109	112,107
	3171	Hand bags and purses.....	622	264	{ 21,953 156	{ 111,496 611
	----	All other industries ²				
3172	3172	Small leather goods.....	37	67	7,534	43,080
3192	----	Saddlery, harness, and whips.....	100	12	1,271	6,775
	3199	Leather goods, nec.....	100	12	1,271	6,775
3199	3199	Leather goods, nec.....	333	62	4,134	24,452
3211	3211	Flat glass.....	32	31	21,179	263,151
3221	----	Glass containers.....	102	93	55,272	537,230
	3221	Glass containers.....	102	93	{ 54,937 335	{ 532,469 4,761
	----	All other industries ²				
3229	3229	Pressed and blown glass, nec.....	140	98	37,108	312,342
3231	3231	Products of purchased glass.....	1,024	236	23,516	238,882
3241	----	Cement, hydraulic.....	177	170	41,141	725,032
	3241	Cement, hydraulic.....	177	170	{ 41,127 14	{ 724,771 261
	----	All other industries ²				
3251	----	Brick and hollow tile.....	572	432	31,396	199,090
	3251	Brick and structural tile.....	569	430	31,087	196,890
	----	All other industries ²	3	2	309	2,200
3253	----	Floor and wall tile.....	86	58	12,482	88,442
	3253	Ceramic wall and floor tile.....	86	58	12,482	88,442
3254	----	Sewer pipe.....	69	67	9,969	68,409
	3259	Structural clay products, nec.....	69	67	9,969	68,409
3255	3255	Clay refractories.....	167	117	12,394	104,898
3259	----	Structural clay products, nec.....	126	53	4,143	30,117
	3253	Ceramic wall and floor tile.....	4	4	586	4,337
	3259	Structural clay products, nec.....	122	49	3,557	25,780
3261	3261	Vitreous plumbing fixtures.....	49	43	9,677	87,293
3262	3262	Vitreous-china food utensils.....	29	24	7,640	42,355
3263	3263	Earthenware food utensils.....	34	26	8,555	34,170
3264	3264	Porcelain electrical supplies.....	59	44	9,107	66,074
3265	----	China decorating for the trade.....	36	4	370	2,424
	3269	Pottery products, nec.....	36	4	370	2,424
3269	3269	Pottery products, nec.....	548	104	8,870	51,596
3271	----	Concrete products.....	5,270	963	69,597	585,115
	3271	Concrete block and brick.....	1,796	336	22,766	190,355
	3272	Concrete products.....	3,455	616	46,182	390,378
	----	All other industries ²	19	11	649	4,382
3272	3275	Gypsum products.....	123	62	11,425	216,978
3273	3273	Ready-mixed concrete.....	3,624	931	61,109	669,931
3274	----	Lime.....	139	78	7,237	74,101
	3274	Lime.....	139	78	{ 7,185 52	{ 73,597 504
	----	All other industries ²				
3275	3296	Mineral wool.....	95	61	11,831	132,533
3281	3281	Cut-stone and stone products.....	1,001	243	20,348	129,038
3291	----	Abrasive products.....	356	130	23,980	278,026
	3291	Abrasive products.....	356	130	{ 23,955 25	{ 277,706 320
	----	All other industries ²				
3292	3292	Asbestos products.....	109	80	21,292	235,487
3293	3293	Gaskets and asbestos insulations.....	282	99	13,494	105,211
3295	3295	Minerals: ground or treated.....	386	100	7,557	104,682
3297	----	Nonclay refractories.....	89	71	8,459	111,408
	3297	Nonclay refractories.....	83	66	7,995	102,238
	----	All other industries ²	6	5	464	9,170

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3298	----	Statuary and art goods.....	145	19	1,254	7,263
	3299	Nonmetallic minerals, nec.....	145	19	1,254	7,263
3299	----	Nonmetallic mineral products, nec.....	148	39	3,503	29,578
	3296	Mineral wool.....	39	7	441	4,868
	3299	Nonmetallic minerals, nec.....	109	32	3,062	24,710
3312	----	Steel works and rolling mills.....	295	264	512,831	6,085,776
	3312	Blast furnaces and steel mills.....	291	260	511,392	6,062,227
	3317	Steel pipe and tubes.....	4	4	1,439	23,549
3313	3313	Electrometallurgical products.....	37	35	12,689	178,880
3321	3321	Gray-iron foundries.....	1,297	843	112,263	807,480
3322	3322	Malleable-iron foundries.....	80	73	19,949	125,473
3323	3323	Steel foundries.....	256	216	49,133	383,870
3331	3331	Primary copper.....	30	29	14,561	158,122
3332	3332	Primary lead.....	13	13	3,563	36,325
3333	3333	Primary zinc.....	20	20	8,923	71,653
3334	3334	Primary aluminum.....	20	20	17,381	383,836
3339	3339	Primary nonferrous metals, nec.....	29	18	2,658	50,495
3341	3341	Secondary nonferrous metals.....	387	152	14,441	147,262
3351	----	Copper rolling and drawing.....	103	90	41,283	458,328
	3351	Copper rolling and drawing.....	98	85	39,997	441,150
	3357	Nonferrous wire drawing.....	5	5	1,286	17,178
3352	3352	Aluminum rolling and drawing.....	168	112	42,375	475,331
3359	----	Nonferrous rolling and drawing, nec.....	143	73	16,571	174,633
	3356	Rolling and drawing, nec.....	143	73	16,571	174,633
3361	----	Nonferrous foundries ⁴	1,991	642	63,344	480,153
	3361	Aluminum castings.....	955	283	30,045	225,686
	3362	Brass, bronze, copper castings.....	665	209	14,861	109,744
	3369	Nonferrous castings, nec.....	345	136	17,253	135,311
	3566	Power transmission equipment.....	8	5	(D)	(D)
	----	All other industries ²	18	9	(D)	(D)
3391	3391	Iron and steel forgings.....	301	189	36,456	310,148
3392	----	Wire drawing.....	207	161	54,230	567,496
	3315	Steel wire drawing.....	102	71	15,805	165,883
	3351	Copper rolling and drawing.....	7	4	332	4,221
	3357	Nonferrous wire drawing, etc.....	98	86	38,093	397,392
3393	----	Welded and heavy-riveted pipe.....	132	97	22,472	260,547
	3317	Steel pipe and tubes.....	132	97	22,472	260,547
3399	----	Primary metal industries, nec.....	690	234	28,062	283,603
	3316	Cold finishing of steel shapes.....	78	63	10,943	141,516
	3392	Nonferrous forgings.....	29	20	5,932	40,963
	3399	Primary metal industries, nec.....	583	151	9,795	90,656
	----	All other industries ²	583	151	1,392	10,468
3411	----	Tin cans and other tinware.....	226	193	54,823	671,924
	3411	Metal cans.....	222	189	54,238	668,606
	3491	Metal barrels, drums, and pails.....	4	4	585	3,318
3421	----	Cutlery.....	186	74	12,061	127,223
	3421	Cutlery.....	183	72	11,831	126,310
	----	All other industries ²	3	2	230	913
3422	----	Edge tools.....	237	76	6,754	55,422
	3423	Edge tools.....	237	76	6,754	55,422
3423	----	Hand tools, nec.....	494	161	21,037	186,098
	3423	Edge tools.....	494	161	21,037	186,098
3424	----	Files.....	25	7	2,035	20,068
	3423	Edge tools.....	25	7	2,035	20,068
3425	----	Hand-saws and saw blades.....	91	40	5,549	53,966
	3425	Hand-saws and saw blades.....	91	40	5,509	53,658
	----	All other industries ²	91	40	40	308
3429	----	Hardware, nec.....	1,070	462	88,826	762,026
	3429	Hardware, nec.....	1,053	451	87,537	750,783
	3494	Valves and pipe fittings.....	14	9	610	5,817
	----	All other industries ²	3	2	679	5,426

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3431	----	Plumbing fixtures and fittings ⁴	323	127	28,093	244,932
	3431	Plumbing fixtures.....	63	41	12,432	118,555
	3432	Plumbing fittings, brass goods.....	254	84	14,663	120,560
	----	All other industries ²	6	2	998	5,817
3439	----	Heating and cooking apparatus, nec.....	829	402	67,904	637,846
	3433	Nonelectric heating equipment.....	649	290	43,281	421,195
	3589	Service industry machines, nec.....	73	28	2,838	26,248
	3631	Household cooking equipment.....	55	45	12,810	108,598
	3639	Household appliances, nec.....	52	39	8,729	80,227
	----	All other industries ²			246	1,578
3441	----	Structural and ornamental products.....	3,436	1,175	132,750	1,215,839
	3441	Fabricated structural steel.....	1,851	779	90,707	815,394
	3449	Miscellaneous metal work, nec.....	1,585	396	42,043	400,445
3442	3442	Metal doors, sash, and trim.....	1,440	516	54,353	437,859
3443	3443	Boiler shop products.....	1,189	516	81,501	682,298
3444	----	Sheet-metal work.....	3,151	697	58,509	516,260
	3444	Sheet-metal work.....	3,146	694	58,307	512,843
	----	All other industries ²	5	3	202	3,417
3461	----	Vitreous-enameled products.....	55	33	5,803	40,582
	3461	Metal stampings.....	55	33	5,803	40,582
3463	----	Metal stampings.....	2,407	1,009	118,553	996,770
	3461	Metal stampings.....	2,389	999	117,796	992,037
	----	All other industries ²	18	10	757	4,733
3465	----	Enameling and lacquering.....	467	97	7,104	47,723
	3479	Metal coating, engraving, nec.....	467	97	7,104	47,723
3466	----	Galvanizing.....	199	54	4,376	32,890
	3479	Metal coating, engraving, nec.....	199	54	4,376	32,890
3467	----	Engraving on metal.....	337	41	4,200	27,726
	3479	Metal coating, engraving, etc.....	337	41	4,200	27,726
3468	3471	Plating and polishing.....	2,646	542	36,471	253,784
3471	----	Lighting fixtures.....	1,207	430	47,444	397,995
	3642	Lighting fixtures.....	1,177	429	47,231	396,665
	----	All other industries ²	30	1	213	1,330
3481	----	Nails and spikes.....	70	34	3,534	30,971
	3315	Steel wire drawing.....	70	34	3,445	30,317
	----	All other industries ²			89	654
3489	----	Wirework, nec.....	1,467	538	55,448	439,804
	3481	Fabricated wire products, nec.....	1,459	535	55,129	437,473
	----	All other industries ²	8	3	319	2,331
3491	3491	Metal barrels, drums, and pails.....	121	70	9,055	91,230
3492	----	Safes and vaults.....	35	13	3,546	40,285
	3492	Safes and vaults.....	35	13	3,495	39,537
	----	All other industries ²			51	748
3493	3493	Steel springs.....	88	41	5,515	44,384
3494	----	Bolts, nuts, washers, and rivets.....	528	286	53,573	507,038
	3452	Bolts, nuts, washers, and rivets.....	525	283	53,270	504,731
	----	All other industries ²	3	3	303	2,307
3495	3451	Screw machine products.....	1,792	419	31,836	249,975
3496	3496	Collapsible tubes.....	22	20	3,837	25,257
3497	----	Metal foil.....	82	47	7,699	96,925
	3352	Aluminum rolling and drawing.....	17	17	4,504	61,755
	3497	Metal foil and leaf.....	65	30	3,195	35,170
3499	----	Fabricated metal products, nec.....	974	211	19,750	176,295
	3499	Fabricated metal products, nec.....	966	209	19,601	175,193
	----	All other industries ²	8	2	149	1,102
3511	3511	Steam engines and turbines.....	25	23	43,979	558,885
3519	----	Internal combustion engines.....	110	75	51,540	508,843
	3511	Steam engines and turbines.....	1	1		
	3519	Internal combustion engines.....	109	74	51,540	508,843

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3521	----	Tractors.....	129	68	60,325	779,524
	3522	Farm machinery and equipment.....	92	41	31,656	368,447
	3531	Construction machinery.....	37	27	28,464	408,197
	----	All other industries ²			205	2,880
3522	----	Farm machinery (except tractors).....	1,346	449	75,300	693,449
	3522	Farm machinery and equipment.....	1,341	449	75,273	693,302
	----	All other industries ²	5	...	27	147
3531	----	Construction and mining machinery.....	754	381	83,400	777,015
	3531	Construction machinery.....	541	267	65,689	607,697
	3532	Mining machinery and equipment.....	169	88	(D)	(D)
	3536	Hoists, cranes, and monorails.....	40	24	(D)	(D)
	----	All other industries ²	4	2	93	726
3532	----	Oil field machinery and tools.....	387	167	32,349	337,354
	3533	Oil field machines and equipment.....	383	166	31,726	334,765
	----	All other industries ²	4	1	623	2,589
3541	----	Machine tools.....	624	230	54,216	431,306
	3541	Metal-cutting machine tools.....	621	228	52,457	419,274
	----	All other industries ²	3	2	1,759	12,032
3542	----	Metalworking machinery.....	608	267	(D)	(D)
	3542	Metal-forming machine tools.....	287	145	(D)	(D)
	3548	Metalworking machinery, nec.....	312	118	30,424	303,750
	----	All other industries ²	9	4	(D)	(D)
3544	----	Special dies and tools.....	4,827	835	70,666	665,910
	3544	Special dies and tools.....	4,822	832	69,016	655,070
	----	All other industries ²	5	3	1,650	10,840
3545	----	Metalworking machinery attachments.....	902	296	39,726	337,008
	3545	Machine tool accessories.....	899	295	39,677	336,361
	----	All other industries ²	3	1	49	647
3551	3551	Food-products machinery.....	672	240	27,715	268,639
3552	3552	Textile machinery.....	547	210	34,186	213,048
3553	3553	Woodworking machinery.....	257	96	12,219	112,936
3554	3554	Paper-industries machinery.....	202	97	15,713	123,758
3555	3555	Printing-trades machinery.....	442	119	21,453	188,881
3559	----	Special industry machinery, nec.....	1,042	386	51,815	434,343
	3559	Special industry machinery, nec.....	1,031	379	50,124	425,287
	----	All other industries ²	11	7	1,691	9,056
3561	----	Pumps and compressors.....	572	241	61,233	549,977
	3561	Pumps and compressors.....	569	239	59,819	539,615
	----	All other industries ²	3	2	1,414	10,362
3562	----	Elevators and escalators.....	144	76	9,626	126,270
	3534	Elevators and moving stairways.....	144	76	9,626	126,270
3563	----	Conveyors.....	473	198	31,099	289,938
	3522	Farm machinery and equipment.....	22	16	1,121	13,061
	3535	Conveyors.....	409	150	20,743	192,402
	3536	Hoists, cranes, and monorails.....	39	29	6,647	64,399
	----	All other industries ²	3	3	2,588	20,076
3564	----	Blowers and fans.....	209	106	15,989	145,492
	3564	Blowers and fans.....			15,947	145,050
	----	All other industries ²	209	106	42	442
3565	----	Industrial trucks and tractors.....	259	95	14,768	117,641
	3537	Industrial trucks and tractors.....			14,753	117,266
	----	All other industries ²	259	95	15	375
3566	----	Power-transmission equipment.....	510	265	49,063	464,171
	3566	Power-transmission equipment.....	460	231	41,565	382,582
	3717	Motor vehicles and parts.....	29	19	4,994	59,717
	3729	Aircraft equipment, nec.....	17	14	1,935	16,583
	----	All other industries ²	4	1	569	5,289
3567	----	Industrial furnaces.....	165	70	8,703	84,645
	3559	Special industry machinery, nec.....	9	6	522	3,958
	3567	Industrial furnaces and ovens.....	156	64	8,181	80,687

See footnotes at end of Part 2.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ⁺	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3568	----	Mechanical stokers.....	19	9	693	5,566
	3433	Nonelectric heating equipment.....	19	9	693	5,566
3569	----	General industrial machinery, nec.....	628	244	36,460	348,667
	3443	Boiler shop products.....	41	33	8,360	66,976
	3569	General industry machinery, nec.....	584	209	28,014	281,423
	----	All other industries ²	3	2	86	268
3571	----	Computing and related machines.....	140	74	82,442	590,897
	3571	Computing and related machines.....	133	69	80,715	578,280
	3821	Mechanical measuring devices.....	7	5	1,727	12,617
3572	3572	Typewriters.....	18	13	19,779	168,877
3576	----	Scales and balances.....	79	38	5,733	52,008
	3576	Scales and balances.....	72	32	5,347	49,125
	3811	Scientific instruments.....	7	6	386	2,883
3579	----	Office and store machines, nec.....	226	118	23,072	226,848
	3579	Office machines, nec.....	120	72	15,625	173,424
	3581	Automatic vending machines.....	80	34	4,347	34,749
	3999	Miscellaneous products, nec.....	26	12	3,100	18,675
3581	----	Domestic laundry equipment.....	39	33	24,550	324,280
	3633	Household laundry equipment.....	36	32	24,513	323,900
	----	All other industries ²	3	1	37	380
3582	----	Laundry and dry-cleaning machinery.....	119	47	6,489	64,904
	3582	Commercial laundry equipment.....	119	47	6,480	64,717
	----	All other industries ²				
3583	3636	Sewing machines.....	85	17	9,607	61,991
3584	----	Vacuum cleaners.....	48	23	5,834	89,353
	3584	Vacuum cleaners, industrial.....	18	6	432	4,256
	3635	Household vacuum cleaners.....	27	14	5,330	84,180
	----	All other industries ²	3	3	72	917
3585	----	Refrigeration machinery.....	643	311	111,688	1,051,796
	3581	Automatic vending machines.....	32	18	3,456	29,349
	3585	Refrigeration machinery.....	585	267	66,739	589,078
	3632	Household refrigerators.....	26	26	41,493	433,369
3586	----	Measuring and dispensing pumps.....	34	21	6,231	64,899
	3586	Measuring and dispensing pumps.....	34	21	6,201	64,689
	----	All other industries ²				
3589	----	Service and household machines, nec.....	320	113	14,500	179,365
	3548	Metalworking machinery, nec.....	47	23	2,820	27,992
	3589	Service industry machines, nec.....	243	71	6,967	78,543
	3639	Household appliances, nec.....	26	18	4,630	71,927
	----	All other industries ²	4	1	83	903
3591	----	Valves and fittings, except plumbing.....	574	339	75,198	717,175
	3494	Valves and pipe fittings.....	571	336	74,363	710,045
	----	All other industries ²	3	3	835	7,130
3592	3498	Fabricated pipe and fittings.....	282	134	15,135	154,938
3593	3562	Ball and roller bearings.....	107	81	46,439	407,744
3594	----	Industrial patterns and molds.....	2,046	246	22,159	196,271
	3544	Special dies and tools.....	874	150	13,297	118,067
	3565	Industrial patterns.....	1,168	95	8,817	77,678
	----	All other industries ²	4	1	45	526
3599	----	Machine shops.....	10,547	1,197	122,910	1,018,724
	3599	Machine shops.....	10,139	1,087	114,892	953,395
	3717	Motor vehicles and parts.....	250	73	5,797	48,445
	----	All other industries ²	158	37	2,221	16,884
3611	----	Wiring devices and supplies.....	556	237	50,689	474,348
	3643	Current carrying devices.....	402	143	30,829	259,211
	3644	Noncurrent carrying devices.....	150	93	19,722	214,607
	----	All other industries ²	4	1	138	530
3612	3624	Carbon and graphite products.....	46	35	8,904	102,483
3613	----	Electrical measuring instruments.....	507	199	45,151	410,497
	3611	Electric measuring instruments.....	484	198	45,004	409,594
	----	All other industries ²	23	1	147	903

See footnotes at end of Part 2.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

C-33

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3614	3621	Motors and generators.....	378	237	93,541	813,124
3615	3612	Transformers.....	172	81	34,546	363,351
3616	----	Electrical control apparatus.....	618	278	80,021	836,934
	3613	Switchgear and switchboards.....	402	203	52,871	555,044
	3622	Industrial controls.....	216	75	27,150	281,890
3617	----	Electrical welding apparatus.....	135	70	9,895	112,709
	3623	Welding apparatus.....	135	70	9,895	112,709
3619	----	Electrical industrial apparatus, nec.....	334	136	17,592	139,101
	3567	Industrial furnaces and ovens.....	44	24	(D)	(D)
	3629	Electric industrial goods, nec.....	283	109	15,681	123,483
	----	All other industries ²	7	3	(D)	(D)
3621	----	Electrical appliances.....	402	162	39,686	424,771
	3589	Service industry machines, nec.....	25	20	1,452	16,109
	3631	Household cooking equipment.....	14	10	5,342	72,493
	3634	Electric housewares and fans.....	312	106	29,551	305,514
	3639	Household appliances, nec.....	18	15	1,263	10,510
	----	All other industries ²	33	11	2,078	20,145
3631	----	Insulated wire and cable.....	172	91	17,105	154,248
	3557	Nonferrous wire drawing, etc.....	172	91	17,105	154,248
3641	----	Engine electrical equipment.....	168	99	39,879	366,807
	3694	Engine electrical equipment.....	168	99	39,840	366,626
	----	All other industries ²			39	181
3651	----	Electric lamps (bulbs).....	66	52	21,495	270,498
	3641	Electric lamps.....	66	52	21,495	270,498
3661	----	Radios and related products.....	2,023	1,066	305,108	2,592,100
	3643	Current carrying devices.....	20	17	3,979	34,978
	3651	Radios and TV receiving sets.....	234	144	66,505	593,953
	3662	Radio, TV, communication equipment.....	318	211	118,575	1,199,758
	3679	Electronic components, nec.....	1,414	684	105,018	693,823
	----	All other industries ²	37	10	11,031	69,588
3662	----	Electronic tubes.....	282	169	92,939	740,651
	3671	Electron tubes, receiving type.....	85	41	36,968	285,799
	3672	Cathode ray picture tubes.....	75	30	8,554	67,472
	3673	Electron tubes, transmitting.....	48	44	20,146	165,803
	3679	Electronic components, nec.....	65	53	27,224	220,988
	----	All other industries ²	9	1	47	589
3663	3652	Phonograph records.....	94	53	7,421	93,073
3664	----	Telephone and telegraph equipment.....	73	57	85,337	738,724
	3661	Telephone; telegraph apparatus.....	68	54	85,214	737,691
	3662	Radio, TV, communication equipment.....	5	3	123	1,033
3669	----	Communication equipment, nec.....	186	47	10,757	94,415
	3662	Radio, TV, communication equipment.....	178	43	10,387	92,112
	3699	Electrical products, nec.....	8	4	353	2,232
	----	All other industries ²			17	71
3691	3691	Storage batteries.....	276	106	14,924	150,061
3692	3692	Primary batteries.....	42	29	8,096	75,431
3693	----	X-ray and therapeutic apparatus.....	128	34	5,291	58,696
	3693	X-ray and therapeutic apparatus.....	128	34	5,258	58,436
	----	All other industries ²			33	260
3699	----	Electrical products, nec.....	279	110	11,911	97,214
	3699	Electrical products, nec.....	253	95	9,906	71,349
	3842	Surgical appliances and supplies.....	26	15	1,984	25,714
	----	All other industries ²			21	151
3713	----	Truck and bus bodies.....	560	185	19,871	144,937
	3713	Truck and bus bodies.....	560	185	19,868	144,929
	----	All other industries ²			3	8
3715	----	Truck trailers.....	172	94	15,695	131,539
	3715	Truck trailers.....	172	94	15,669	131,140
	----	All other industries ²			26	399
3716	----	Automotive trailers.....	505	236	20,734	146,568
	3791	Trailer coaches.....	386	209	18,717	127,683
	3799	Transportation equipment, nec.....	119	27	2,017	18,885

See footnotes at end of Part 2.

APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3717	3717	Motor vehicles and parts.....	1,264	651	530,658	6,365,106
3721	3721	Aircraft.....	127	82	377,383	3,399,163
3722	----	Aircraft engines.....	225	177	159,137	1,616,004
	3722	Aircraft engines and parts.....	225	177	{ 159,094 43	1,615,671 333
	----	All other industries ²				
3723	3723	Aircraft propellers.....	18	10	15,505	112,301
3729	----	Aircraft equipment, nec.....	1,142	477	162,436	1,367,386
	2399	Textile products, nec.....	7	6	1,454	5,659
	3729	Aircraft equipment, nec.....	1,129	467	158,794 2,188	1,343,699 18,028
	----	All other industries ²				
3731	----	Ship building and repairing.....	323	225	119,588	918,396
	3731	Ship building and repairing.....	319	222	119,147	913,687
	----	All other industries ²	4	3	441	4,709
3732	3732	Boat building and repairing.....	1,646	276	25,216	156,731
3741	3741	Locomotives and parts.....	25	13	15,282	152,086
3742	3742	Railroad and street cars.....	65	43	23,931	165,066
3751	3751	Motorcycles and bicycles.....	51	29	7,578	52,125
3799	3799	Transportation equipment, nec.....	133	40	2,530	17,672
3811	3811	Scientific instruments.....	493	175	63,465	576,059
3821	----	Mechanical measuring instruments.....	705	268	74,021	705,730
	3821	Mechanical measuring devices.....	618	222	48,072	441,340
	3822	Automatic temperature controls.....	83	44	25,513	258,969
	----	All other industries ²	4	2	436	5,421
3831	3831	Optical instruments and lenses.....	224	58	7,184	60,387
3841	3841	Surgical and medical instruments.....	206	66	8,714	72,647
3842	----	Surgical appliances and supplies.....	571	153	25,071	279,700
	2649	Paper and board products, nec.....	10	9	3,245	49,559
	3842	Surgical appliances and supplies.....	561	144	21,826	230,141
3843	3843	Dental equipment and supplies.....	249	55	7,242	71,574
3851	3851	Ophthalmic goods.....	246	104	18,223	136,696
3861	3861	Photographic equipment.....	480	159	60,262	788,759
3871	3871	Watches and clocks.....	168	65	23,505	165,158
3872	3872	Watchcases.....	61	24	2,652	18,398
3911	----	Jewelry, precious metal.....	1,304	184	21,039	165,848
	3911	Jewelry, precious metal.....	1,304	184	{ 21,010 29	165,549 299
	----	All other industries ²				
3912	3912	Jewelers' findings.....	249	56	5,101	33,434
3913	----	Lapidary work.....	328	19	1,943	14,885
	3913	Lapidary work.....	328	19	{ 1,904 39	14,605 280
	----	All other industries ²				
3914	3914	Silverware and plated ware.....	209	87	13,852	109,728
3931	----	Pianos.....	24	22	5,824	37,316
	3931	Musical instruments and parts.....	24	22	5,824	37,316
3932	----	Organs.....	50	19	2,314	19,252
	3931	Musical instruments and parts.....	50	19	2,314	19,252
3933	----	Piano and organ parts.....	449	23	3,335	31,133
	3931	Musical instruments and parts.....	49	23	3,335	31,133
3939	----	Musical instruments, nec.....	150	52	4,630	33,394
	3931	Musical instruments and parts.....	150	52	4,630	33,394
3941	----	Games and toys, nec.....	856	368	43,044	289,616
	3941	Games and toys, nec.....	856	368	{ 42,972 72	288,863 753
	----	All other industries ²				
3942	3942	Dolls.....	485	162	13,860	77,149
3943	----	Children's vehicles.....	60	35	4,960	33,234
	3943	Children's vehicles.....	60	35	{ 4,708 252	31,727 1,507
	----	All other industries ²				

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ¹ (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
3949	----	Sporting and athletic goods.....	1,208	299	37,041	313,148
	3949	Sporting and athletic goods, nec.....			37,025	313,014
	----	All other industries ²	1,208	299	16	134
3951	3951	Pens and mechanical pencils.....	142	64	10,957	88,269
3952	3952	Lead pencils and crayons.....	53	33	4,891	35,980
3953	----	Hand stamps and stencils.....	523	70	5,430	39,775
	3953	Marking devices.....	523	70	5,430	39,775
3954	----	Artists' materials.....	93	21	1,796	11,929
	3952	Lead pencils and art goods.....	93	21	1,796	11,929
3955	3955	Carbon paper and inked ribbons.....	103	61	5,818	58,951
3961	----	Costume jewelry.....	1,053	256	25,380	138,360
	3961	Costume jewelry.....			25,286	138,043
	----	All other industries ²	1,053	256	94	317
3962	3962	Artificial flowers.....	431	101	6,770	34,650
3963	----	Buttons.....	357	87	6,458	37,937
	3963	Buttons.....	354	87	6,453	37,908
	----	All other industries ²	3	...	5	29
3964	----	Needles, pins, and fasteners.....	368	129	17,758	127,671
	3964	Needles, pins, and fasteners.....			17,706	127,390
	----	All other industries ²	368	129	52	281
3971	3079	Plastics products, nec.....	3,208	1,136	113,066	894,440
3981	----	Brooms and brushes.....	725	181	17,362	140,498
	3981	Brooms and brushes.....	723	179	17,082	137,496
	----	All other industries ²	2	2	280	3,002
3982	----	Cork products.....	35	11	956	14,355
	2499	Wood products, nec.....	24	10	907	13,988
	----	All other industries ²	11	1	49	367
3983	3983	Matches.....	23	20	5,127	41,776
3984	3984	Candles.....	86	25	2,516	17,668
3985	----	Fireworks and pyrotechnics.....	67	19	1,628	9,043
	2899	Chemical preparations, nec.....	67	19	1,628	9,043
3986	----	Jewelry and instrument cases.....	160	60	6,214	32,356
	3161	Luggage.....	14	9	474	2,244
	3172	Small leather goods.....	146	51	5,740	30,112
3987	3987	Lamp shades.....	270	50	3,895	18,577
3988	3988	Morticians' goods.....	592	219	17,362	128,879
3991	----	Beauty and barber-shop equipment.....	75	22	1,892	16,150
	3999	Miscellaneous products, nec.....	75	22	1,892	16,150
3992	----	Furs, dressed and dyed.....	139	32	2,731	24,363
	3992	Furs, dressed and dyed.....			2,696	24,112
	----	All other industries ²	139	32	35	251
3993	----	Signs and advertising displays.....	2,723	461	36,189	281,381
	3993	Signs and advertising displays.....			36,100	280,763
	----	All other industries ²	2,723	461	89	618
3994	----	Hairwork.....	130	24	1,593	8,322
	3999	Miscellaneous products, nec.....	130	24	1,593	8,322
3995	3995	Umbrellas, parasols, and canes.....	123	43	2,932	16,602
3996	----	Tobacco pipes.....	32	10	1,122	7,105
	3999	Miscellaneous products, nec.....	32	10	1,122	7,105
3997	----	Soda-fountain and bar equipment.....	40	11	976	8,954
	3585	Refrigeration machinery.....	40	11	976	8,954
3999	3999	Miscellaneous products, nec.....	986	190	19,279	140,596

See footnotes at end of Part 2.

Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number ¹	Value added by manufacture, adjusted ² (\$1,000)
Old SIC	New SIC		Total ¹	With 20 or more employees ¹		
1911	1911	Guns, over 30 mm.....	5	4	251	2,942
1921	1921	Artillery ammunition.....	25	17	4,028	26,811
1922	1922	Ammunition loading.....	6	4	1,189	8,985
1929	----	Ammunition, nec.....	89	59	157,184	1,572,440
	1925	Complete guided missiles.....	23	23	100,678	1,104,394
	1929	Ammunition, nec.....	17	14	5,875	50,213
	3729	Aircraft equipment, nec.....	49	22	50,631	417,833
1931	1931	Tanks and tank components.....	17	10	7,069	63,711
1941	1941	Sighting and fire control equipment.....	23	19	44,571	448,724
1951	1951	Small arms.....	34	23	8,010	51,005
1961	1961	Small arms ammunition.....	24	12	9,049	82,733
1999	1999	Ordnance and accessories, nec.....	47	22	15,297	162,190

¹ D Withheld to avoid disclosing figures for individual companies.

² The old SIC industry totals in Part 2 may in some instances represent slight revisions of the corresponding 1958 old SIC totals shown in tables 1, 1A, and 2A of the industry reports in Volume II, Industry Statistics.

³ These data are for a miscellaneous group of establishments that were transferred to other industries because of (a) shifts in their product classification to conform to the new SIC, and (b) classification errors for small establishments that were not corrected since they were not statistically significant.

⁴ Includes establishments with 2,500 to 4,999 employees, primarily engaged in producing synthetic sausage casings, which have been transferred to new SIC Industry 3079, "Plastics Products, NEC."

⁵ Figures differ from table 2A of the industry report because the latter excludes a number of establishments reclassified into other industries as a result of SIC revisions.

APPENDIX D.-CENSUS REPORT FORMS AND PUNCH CARDS

Approximately 200 different report forms ("standard" forms) were used in collecting information in the 1958 Census of Manufactures. Nearly all of these were variations of Form MC-35Q shown on pages D-2 thru D-9 of this appendix. Such forms were sent to larger manufacturing plants. Items 1 through 16 are the same on nearly all such forms. Items 17 and 18, while similar in general purpose, are different for each industry or group of related industries depending upon the materials used or the products manufactured. Items 19 thru 21 are similarly adapted to the special characteristics of individual industries.

In addition to the standard forms, thirty report forms ("short" forms) were used for small establishments. The size cut-off for use of short forms varied with the size composition of the industry, generally ranging from 4 to 10 employees. In a few industries these small establishments were typical and accounted for a significant proportion of the industry's total in their aggregate. In such cases modified versions of short forms were used.

On short forms, data requirements typically were limited to a relatively few key items, the chief variation among them being in the list of product classes preprinted in the shipments inquiry. A typical short form, MC-36Z, is also reproduced in this appendix.

Instructions for preparing the 1958 Census "standard" report forms are also shown below. No separate instructions were provided for "short" forms.

Additional forms used to cover separate central administrative offices and auxiliary units, plants under construction but not in operation during 1958, distribution of manufacturers' sales by class of customer, etc., are described in the introductory text which appears at the beginning of this Volume.

The basic punch card used in tabulating the 1958 Census data is shown on page D-19.

ORIGINAL Return this copy to
Bureau of the Census

Form approved; Budget Bureau No. 41-58101.

Form **MC-35Q**
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1958 CENSUS OF MANUFACTURES INDUSTRIAL FURNACES AND OVENS

CENSUS USE ONLY		Location		F/O
0				
0-1	0-2			

PLEASE READ ENCLOSED INSTRUCTIONS BEFORE COMPLETING REPORT.

Please complete and return this form in the return envelope to the Bureau of the Census, Jeffersonville, Indiana, **not later than 30 days** after you receive it.

ITEM 1A NAME OF ESTABLISHMENT (In answering Item 1B, parts (1) through (5) below, be sure your answers relate to the ACTUAL PHYSICAL LOCATION of your establishment, which may be different from its mailing address.)	NAME	
ITEM 1B LOCATION OF ESTABLISHMENT	1. STATE	2. COUNTY
3. Is this establishment within the legal boundary of a municipality? Yes <input type="checkbox"/> No <input type="checkbox"/> If "Yes," (a) Enter name of the municipality. (Enter name only if establishment is within legal boundary) _____ (b) Type of municipality. (Check applicable box) <input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Borough <input type="checkbox"/> Other (Specify) _____		
4. STREET AND NUMBER AT ESTABLISHMENT LOCATION (If establishment location cannot be described by street and number, give name (and number, if any) of road or highway and sufficient information to locate establishment, e. g., Rt. 25, 3 miles South of Charlesville.) _____		
5. Is this establishment within a town or township? Yes <input type="checkbox"/> No <input type="checkbox"/> IF "YES," ENTER NAME OF TOWN OR TOWNSHIP _____		

CONFIDENTIAL.—This report is required by Act of Congress, approved August 31, 1954, (13 U.S.C. 131 and 224). Your report is confidential and only sworn Census employees will have access to it. It cannot be used for purposes of taxation, investigation or regulation.

In correspondence pertaining to this report
please refer to this file number _____
MC-35Q (3517) **A**

(Please correct any errors in name and address)

**ITEM 2A
FEDERAL SOCIAL SECURITY EMPLOYER IDENTIFICATION NUMBER**
Federal Social Security Employer Identification Number of this establishment (Item 10 of Employer's Quarterly Tax Report, Treasury Form 941)
_____ (Enter all 9 digits)

(a) Does this company operate more than one place of business under the same Employer Identification Number (Item 10 of Employer's Quarterly Tax Report, Treasury Form 941)? Yes ☐ No ☐

(b) Does this company own or control another company? Yes ☐ No ☐

(c) Is this company owned or controlled by another company? If "Yes," is checked in Part (c), give name and address of owning or controlling company. Yes ☐ No ☐

(Check one)

**ITEM 2C
FORM OF OWNERSHIP**
(1) ☐ Individual proprietor
(x) ☐ Partnership (Specify number of working partners _____)
(0) ☐ Corporation (Do not include any form of coop. ass'n)
(8) ☐ Cooperative association (corporate or noncorporate)
(9) ☐ Other (Specify) _____

For establishments in New England, New Jersey, and Pennsylvania

DEFINITIONS FOR ITEMS 3, 4, AND 5

Production Workers.—Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e. g., power plant), record keeping, and other services closely associated with these production operations. Exclude supervisory employees above working foreman level.

All Other Employees.—Nonproduction personnel at this establishment, including those engaged in the following activities: factory supervision above working foreman

level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, finance, legal, personnel (including cafeteria, medical, etc.), professional and technical. **Include** force-account construction employees on your payroll engaged in construction of major additions or alterations to the plant who are utilized as a separate work force. Workers engaged in regular maintenance and repair operations should be included with production workers.

ITEM 3 PAYROLLS (\$000)	Enter the total of wages, salaries, bonuses, commissions, and other remunerations in 1958, before deductions, paid to—	1958		KEY
		Thousands of dollars		
	a. Production workers	\$		0-5
	b. All other employees	\$		0-6
	c. Total payrolls (Sum of a and b)	\$		0-7
ITEM 4 NUMBER OF EMPLOYEES	Production workers during pay period ended nearest 15th of— (See definitions above Item 3)	Number of employees		
		a. March 1958		0-8
		b. May 1958		0-9
		c. August 1958		0-10
		d. November 1958		1
		e. Sum of lines a, b, c, and d		1-1
		f. Average number (Divide sum on line e by 4)		1-2
		g. All other employees, March 15, 1958		1-3
		h. Total (Sum of f and g)		1-4
				1-5
ITEM 5 PLANT MAN- HOURS OF PRODUCTION WORKERS BY QUARTER (Thousands)	Enter the total number of plant man-hours of production workers (as defined above) for each calendar quarter (or comparable 13-week period) of 1958. Do not include hours for paid vacations, holidays or sick leave.	Thousands of hours		
		a. January through March 1958		1-6
		b. April through June 1958		1-7
		c. July through September 1958		1-8
		d. October through December 1958		1-9
		e. Total production worker man-hours (Sum of a, b, c, and d)		1-10

(OVER)

Form MC-35Q — Industrial Furnaces and Ovens—Continued

Page 2

ITEM 6 COST OF MATERIALS, FUELS, ELECTRIC ENERGY, CONTRACT WORK, ETC. DURING 1958 (\$000)	On lines a and c , report the cost of all items actually consumed or put into production in 1958 , whether purchased, withdrawn from inventories, or received from other establishments of this company. If your records do not show actual amounts consumed, this may be computed by adding purchases (or receipts) during the year to opening inventory and subtracting closing inventory. Purchase records instead of consumption records may be used for any major material, if purchases closely approximate consumption, and for all minor materials and supply items. "Cost" refers to amounts actually paid or payable after discounts, and includes freight and other direct charges incurred in acquiring the items. For materials, parts, etc. transferred from other establishments of this company, report the approximate commercial value as received.	Item	1958		KEY
			Thousands of dollars		
ITEM 7 INVENTORIES OF THIS ESTABLISHMENT (\$000)	Report all inventories held by this establishment at the beginning and end of 1958. Inventories should be reported at approximate current costs, if feasible; otherwise at book values.	a. Materials, parts, components, containers, supplies, etc., consumed	\$		2-1
		b. Products bought and resold without further manufacture	\$		2-2
		c. Fuels consumed	\$		2-3
		d. Purchased electric energy	\$		2-4
		e. Cost of contract work done for you by others on your materials	\$		2-5
		f. Total cost (Sum of a through e)	\$		2-6*
ITEM 8 CAPITAL EXPENDITURES FOR THIS ESTABLISHMENT DURING 1958 (Exclude expenditures for land) (\$000)	Expenditures refer to all costs actually incurred during 1958 which are chargeable to the fixed assets accounts of this establishment and which are of the type for which depreciation accounts are ordinarily maintained. Do not include the cost of maintenance and repairs charged as current operating expense. If, during 1958, you did not make any expenditure for this establishment of the kind described above, enter "None" on line d .	a. New structures and additions to plant (incl. major alterations, capitalized repairs and improvements)	\$		4-1
		b. New machinery and new equipment (including capitalized repairs and improvements)	\$		4-2
		c. Used plant and used equipment acquired from others	\$		4-3
		d. Total capital expenditures (Sum of a , b , and c)	\$		4-4
		a. Purchased electric energy		Thousands of KWH	4-5
ITEM 9 QUANTITY OF ELECTRIC ENERGY USED DURING 1958 (Thousands of kilowatt hours)	Include on line a , all electric energy purchased for light, heat and power. Do not include electric energy purchased for resale. Include on line b , all electric energy generated in this establishment whether for use by this establishment or for sale. Include on line c , sales or transfers of electric energy generated by this establishment.	b. Generated electric energy (Gross less generating-station use)			4-6
		c. Electric energy sold or transferred to other plants			4-7*

ITEM 10 ITEM 11	(Not applicable to this form)	Change in legal ownership since December 31, 1957 (Check one)		GIVE NAME AND ADDRESS OF FORMER OWNER (IF BOX "a" IS CHECKED) OR PURCHASER (IF BOX "b" IS CHECKED)	
ITEM 12 CHANGE IN STATUS OR OWNERSHIP OF THIS ESTABLISHMENT SINCE DECEMBER 31, 1957	a. <input type="checkbox"/> Purchased by you on _____ (Date)				
	b. <input type="checkbox"/> Sold by you on _____ (Date)				
	c. <input type="checkbox"/> Reorganized (partnership change or change in corporate status)				
	d. <input type="checkbox"/> Went out of business (no new owner) on _____ (Date)				
	e. <input type="checkbox"/> No change				
ITEM 13 CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT	Please Note—		5. Failure to file reports within the requested period results in costly delays and follow-up letters. Please submit your reports as quickly as possible.		
	1. The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios.		6. It is very difficult and costly to process your correspondence if you do not show your file number (see address box) on all correspondence concerning your Census reports.		
	2. Incomplete answers will result in correspondence which is both costly and time consuming. Be sure to complete every item . Enter "None" in items 3-9 if appropriate.		7. The following inquiry is provided to call your attention to possible oversights and errors in the data entered on your form. To save you future correspondence about these problems, please make the checks indicated below before returning your report:		
	3. Reasonably accurate estimates are acceptable. The statistical purposes of the Census will not be affected by such estimates. Preparing estimates at the time the report is completed will avoid the necessity for further correspondence on blank items.		a. Review the report carefully to see that no items are omitted.		
	4. All dollar figures are to be reported in thousands of dollars. For example, if the complete dollar figure to be reported is \$1,367,700 enter \$1368. All quantity figures should be reported in the unit specified in the item.		b. Calculate the four "reasonableness" checks described below, enter the figures for each, and analyze your results.		
			c. Correct your report for any errors you find; explain unusual figures in the "Remarks" section below.		
		"Reasonableness" checks	Calculation required for each check	1958	
1. Average hourly wages per worker		Item 3a (Production worker wages) ÷ Item 5e (Total man-hours)	\$		
2. Hours worked per year per worker		Item 5e (Total man-hours) x 1,000 ÷ Item 4f (Average production workers)			
3. Salaries and wages per dollar of shipments		Item 3c (Total payrolls) ÷ Item 18, Total, Col. (E) (Value of shipments)	¢		
4. Materials cost per dollar of shipments		Item 6f (Total materials cost) ÷ Item 18, Total, Col. (E) (Value of shipments)	¢		
REMARKS					
ITEM 14 ITEM 15	(Not applicable to this form)				

Please continue on next page.)

Form MC-35Q

1958 CENSUS OF MANUFACTURES

INDUSTRIAL FURNACES AND OVENS—Continued

(Not applicable to this industry)

ITEM 16

REPORT ALL VALUE FIGURES IN THOUSANDS OF DOLLARS

General.—This inquiry calls for a breakdown of your consumption of materials, parts, containers, and supplies, etc., during 1958, as reported in Item 6a of this form. Separate figures are required for each material listed below if your consumption of the material during 1958 amounted to \$5,000 or more. If you consumed some of the listed material but less than \$5,000 worth, please check the box provided for this purpose. The cost of materials, supplies, etc., which are not listed separately plus the value of the listed materials for which your 1958 consumption is less than \$5,000 should be reported on the line for "All other materials, components, parts, containers, and supplies consumed." The total cost in Item 17 should, therefore, agree with Item 6a.

Cols. D and E—Consumption of Materials Received From Other Establishments.—Report the quantity (Col. D) and delivered cost (Col. E) for each of the purchased materials actually consumed or put into production during the year, whether received from other companies, withdrawn from inventory, or received from other establishments of this company. Do not include materials produced in this establishment and used in further fabrication or assembly.

Col. D—Quantity.—Report the quantities actually consumed in terms of

ITEM 18 PRODUCTS AND SERVICES OF THIS ESTABLISH- MENT DURING 1958	REPORT ALL VALUE FIGURES IN THOUSANDS OF DOLLARS Report separately each product listed; do not combine product lines.																	
	Total Shipments and Interplant Transfers (Col. (D) and Col. (E)).— Report in these columns the quantity and selling value, f. o. b. plant, of all products made in this establishment which were physically shipped from this establishment during 1958. Include products shipped on consignment, whether or not sold at the end of the year. Deduct returned goods. Include products made for you by others on commission from your own materials. Exclude products made in this establishment on commission for others from their materials. Exclude items, such as "private brand" products, purchased from others for resale by you. For value of shipments, report the net selling value, f. o. b. plant, of your total shipments of each product listed. The reported figures should repre-																	
	6	7	8	9	10	11	12	7-1X	7-2	7-3	7-4							
a. Products Made in This Establish- ment	All other carbon steel mill shapes and forms Alloy steel (except stainless) Bars and bar shapes All other alloy steel mill shapes and forms Stainless steel mill shapes and forms Steel castings (rough and semifinished, received from foundry) All other materials and components, parts, containers, and supplies consumed Total (Sum of lines 1-11; should be the same as Item 6a)	6	331219	9	Short tons				Total shipments and interplant transfers	Value f. o. b. plant (In thousand of dollars)	7-4							
												Unit of measure B-2	Quantity D	Value f. o. b. plant (In thousand of dollars) E				
															No. of units	\$		
																	No. of units	\$
Industrial furnaces and ovens	Fuel fired furnaces Metal melting (including blast furnaces and cupolas) Metal processing and heat treating (such as annealing, hardening, carburizing, and porcelain enameling furnaces) Kilns, cement, wood and chemical Other nonmetallic (including kilns and lehrs) Hot rolling, forging, forming and extruding	Line Z	7-1X	Census product code B-1	Unit of measure B-2	Quantity D	Value f. o. b. plant (In thousand of dollars) E	7-4										
									No. of units	\$								
											No. of units	\$						
													No. of units	\$				

(OVER)

Form MC-35Q—Industrial Furnaces and Ovens—Continued

Page 4

ITEM 18		7	7-IX	7-3		7-4
a. Products Made in This Establishment—Con.	Product A	Line No. Z	Census product code B-1	Unit of measure B-2	Total shipments and interplant transfers	
					Quantity D	Value f. o. b. plant (In thousands of dollars) E
a. Products Made in This Establishment—Con.	Industrial furnaces and ovens (continued)	6	35672 41 2	No. of units		\$
	Fuel fired industrial ovens	7	35671 11 6	No. of units		\$
	Electric furnaces (excluding induction)	8	35671 21 7	No. of units		\$
	Metal melting	9	35671 31 8	No. of units		\$
	Metal processing and heat treating (such as annealing, hardening, carburizing, and porcelain enameling furnaces)	10	35671 43 5	No. of units		\$
	Nonmetallic (including kilns and lehrs)	11	35673 11 2			\$
	Electric (including infrared) industrial ovens	12	36191 13 0	No. of units		\$
	Parts, attachments, and components for industrial furnaces and ovens, including electric heating units (sold separately)	13	36191 15 6	No. of units		\$
	Induction furnaces and heating equipment	14	36191 51 8	No. of units		\$
	Radio frequency types (including spark gap)	15				\$
	Line and motor-generator set frequency types	16				\$
	Dielectric heating equipment	17				\$
	(Specify kind and unit of measure)	18				\$
	b. Contract Work	Receipts for work done for others on their own materials (Describe products worked on and kind of work)	19	93000 00 0		
c. Miscellaneous Receipts	Receipts for repair work	20	99983 00 0			\$
	Receipts for installation (or construction) of products of this establishment (See special instruction sheet on reporting of installation costs in Items 4, 6, and 17)	21	99985 00 6			\$
	Other miscellaneous receipts (sales of scrap, etc.)	22	99980 00 1			\$

d. Resales	Sales of products bought and resold without further manufacture, processing, or assembly in this establishment		23 99989 00 8			\$
e. Total—(Sum of lines 1-23)			24 77000 00 8			\$
ITEM 19 FACTORY AND FIELD ASSEMBLY OF INDUSTRIAL FURNACES AND OVENS	Of the total value of shipments of industrial furnaces and ovens, and induction and dielectric heating equipment reported in Item 18 (Total Col. E, lines 1-14 above), report the value of shipments for 1958 which were:		Industrial furnaces and ovens		8	8-2 Value of shipments (Thousands of dollars)
	a. Field assembled				44	\$
	b. Factory assembled				55	\$
ITEM 20 SELECTED METAL- WORKING AND RELATED OPERATIONS PERFORMED IN THIS ESTAB- LISHMENT DURING 1958	Indicate in column (B) by checking appropriate boxes, whether or not the specified operations were performed in this establishment during 1958. A check should be entered in either the "Yes" box or "No" box for each operation. Where the "Yes" box is checked, show in column (C) the approximate number of production workers on all shifts usually engaged in the specified operation.					
	Operation A	Line No.	Was this operation performed in this establishment during 1958 B		8-1 Census code	8-2 Number of production workers (on all shifts) usually employed when operated (Estimate if necessary) C
	Machine shop	1	Yes <input type="checkbox"/>	No <input type="checkbox"/>	09	
	Plate or structural fabrication	2	Yes <input type="checkbox"/>	No <input type="checkbox"/>	12	
	Stamping, blanking, and forming	3	Yes <input type="checkbox"/>	No <input type="checkbox"/>	13	
	Painting, lacquering, and enameling	4	Yes <input type="checkbox"/>	No <input type="checkbox"/>	14	
ITEM 21	(Not applicable to this industry)					
ITEM 22	NAME AND ADDRESS OF PERSON WHO SHOULD BE CONTACTED IF QUESTIONS ARISE REGARDING THIS REPORT					TELEPHONE NO.
ITEM 23 CERTIFICATION	This report is substantially accurate and covers the period from _____ to _____					
	DATE	TITLE	SIGNATURE OF AUTHORIZED PERSON			

U. S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

1958 CENSUS OF MANUFACTURES

The purpose of this pamphlet is to assist you in filling out the enclosed Census of Manufactures form(s). Please read the instructions for each item before entering your figures. Note that all value figures are to be reported in *thousands* of dollars, all man-hour figures are to be reported in *thousands* of hours, and all electric energy figures are to be reported in *thousands* of kilowatt-hours.

A. WHO SHOULD REPORT?

Every concern which receives a form is required to submit a separate census report for each of its manufacturing establishments in the Continental United States, Alaska, Hawaii, the Virgin Islands, and Guam. Concerns with more than one establishment must submit a separate re-

port for each establishment operated during all or any part of 1958. Your report should be returned to the Census Office shown on the enclosed envelope *within 30 days of its receipt*.

B. WHAT IS A MANUFACTURING ESTABLISHMENT?

A manufacturing establishment is a single physical location where industrial operations are performed; for example, a factory, mill, or plant. Where a single physical location comprises two or more units which are engaged in distinct or separate manufacturing activities, and for which separate records are available or for which substantially accurate reports can be prepared, each such unit shall be treated as a separate establishment. In the preparation of such reports a limited amount of prorating or estimating may be necessary. An establishment is not necessarily identical with the business concern or firm which may consist of one or more establishments. It is also to be distinguished from organizational departments or other subdivisions within an establishment. Units at different physical locations, even though engaged in the same line of manufacturing, processing, and assembly, should be reported as separate establishments.

If you have not received a sufficient number of forms to cover all manufacturing establishments operated by your concern during the report year, please write the Bureau of the Census for additional copies, indicating the type

of activity which is not covered by the form(s) sent you. In corresponding for this, or any other reason, be sure to include in your letter the Census reference number which appears in the address box of the form sent you.

Please note that establishments engaged in the activities listed below are considered to be manufacturing for the purposes of this Census:

Assembling from purchased components	Sawmills
Apparel jobbing and contracting	Wood preserving
Publishing: book, magazine, periodical, etc.	Plating, galvanizing, polishing, etc., material owned by others
Printing	Job casting, stamping, machining
Machine shops, including those operating on a job order basis	Milk pasteurizing and bottling
Ready mixed concrete	Ship and boat repairing
Logging camps and logging	Lapidary work
	Rebuilding on a factory basis

If a manufacturing establishment had custodial or other employment, made shipments or had inventories during 1958, a report should be submitted for the location even though it was not in production during that year.

C. WHAT KIND OF ACTIVITIES SHOULD THE ESTABLISHMENT REPORTS COVER?

Each report should cover all the production activities (manufacturing, fabricating, processing, and assembling) *conducted within the establishment*. It should also include activities such as the maintenance of plant and equipment, receiving, shipping, warehousing, storage, research, record keeping, health, safety, cafeteria, and other services, *when carried on at the same physical lo-*

cation by the manufacturing establishment. Your report should exclude sales branches, sales offices, research laboratories, retail stores, and general administrative offices, *if they are operated as separate establishments*. Separate Census reports should be submitted for each of these establishments.

REPORT ALL DOLLAR FIGURES, MAN-HOURS, AND KILOWATT-HOURS IN THOUSANDS

D. WHAT PERIOD SHOULD EACH REPORT COVER?

Each report should cover the calendar year 1958. If your book records are not on a calendar year basis, carefully prepared estimates for this period will be accepted. If, however, this procedure will involve you in considerable additional costs, and the ending date of your fiscal year is not more than two months from December 31, 1958, you may report on a fiscal basis. As in the 1954 Census, however, all employment, payroll, and man-hour figures should relate to the calendar year rather than the fiscal year.

E. HOW SHOULD MULTIPLE ESTABLISHMENT COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS AND MATERIALS?

In order to provide accurate information for individual industries and States, it is necessary for each establishment of a multiple establishment organization to report as though it were operated as an independent manufacturing establishment. For example, where a single company operates a textile mill and also manufactures apparel, the transfer of fabrics from one establishment to the other should be reported at *approximately commercial value* and *not* at the cost of production. This requires that a company operating two or more establishments assign to the individual products transferred to other plants for further processing a reasonable proportion of the profits and the overhead costs. It is recognized that estimates will often be involved.

The dates given in the certification should show the exact period for which this report is made. Thus, if an establishment began to operate or ceased to operate within the year, the dates given will show that only part of a year is covered by the report. Where an establishment was operated during the year by two or more owners, complete the report only for that part of the year 1958 in which you owned and operated the establishment.

If the product section of the form (Item 18) calls for "interplant transfers" separately, it means transfers between *manufacturing* establishments of your company unless otherwise specified on the report form. The products reported at "transfer values" by the shipping establishments of your company should be reported by your receiving establishments as materials consumed (or inventories of materials, etc.) at the same values, except for the addition of freight and other direct handling charges.

These instructions apply to all establishments for which separate establishment reports are being submitted, including those at the same location as well as those at different locations.

ITEMS ON THE REPORT FORM

Items 1 and 2. (See instructions on Form.)

Item 3. Payrolls.—Report the gross earnings paid in calendar year 1958 to employees on the payroll at this establishment, *including* commissions, dismissal pay, paid bonuses, vacation and sick-leave pay, and compensation in kind, and *prior* to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. (You should follow the definition of salaries and wages that is used for calculating the withholding tax.) *Include* salaries of officers at this establishment, if a corporation; *exclude* payments to proprietor or partners, if an unincorporated concern. *Exclude* payments to members of armed forces and pensioners carried on your active payroll.

Item 4. Number of Employees.—Report employees at this establishment who worked or received pay for any part of the pay period (preferably one week) ended nearest the 15th of the specified months (i. e., March, May, August, and November for "production workers" and March *only* for "all other employees"). *Include* all persons on paid sick leave, paid holidays, and paid vacation during these pay periods; *exclude* members of armed forces and pensioners carried on your active rolls. *Include* officers at this establishment, if a corporation; *exclude* proprietor or partners, if an unincorporated concern. (You may follow the definition of employees specified by your State Employment Security Agency.)

Items 4e and 4f. Add the four production worker em-

ployment figures on lines 4a-4d and enter total on line 4e; *divide* this total by *FOUR* and enter the result on line 4f. In cases where the establishment did not operate in all four periods, the sum shown in 4e should still be divided by four.

Item 5. Plant Man-Hours of Production Workers, by Quarter.—"Plant man-hours" of production workers are designed to measure the over-all activity of the plant during each quarter. The requested figures consist of all man-hours worked or paid for, except hours paid for vacations, holidays or sick leave, when the employee was *not* at the plant. *Include* actual overtime hours, not straight-time equivalent hours. If employee elects to work during the vacation period, report only actual hours worked by such employee.

Item 6. Cost of Materials, Fuels, Electric Energy, Contract Work, Etc.

What to Include in This Item.—Report total costs of materials, supplies, semi-finished goods, fuels, etc., actually consumed or put into production during 1958 by your establishment.

Definition of Consumption.—Include costs of materials, supplies, semi-finished goods, etc., used during 1958. Include costs of such items received prior to 1958 if they were consumed during 1958. Do not include items received in 1958 if they were not consumed that year. If your records do not show actual amounts consumed or put into production during the year, but purchases closely

approximate consumption, purchase figures may be used in completing Items 6a, 6c, and 6d. This applies especially to minor materials and supply items. If, for any major item, however, consumption differs significantly from purchases, consumption should be computed from your records of purchases (receipts) and inventories of materials as follows: Add the cost of material received during the year to cost of material on hand at the beginning of the year and from this total subtract cost of material on hand at the end of the year. The resulting figure represents consumption during the year. *In addition to items purchased from other companies you should be sure to include materials, fuels, supplies, etc., received from other establishments of your company.*

Definition of Cost.—"Cost" refers to direct charges actually paid or payable for items consumed or put into production during the year. It should represent the net cost after discounts and should include freight charges and other direct charges incurred by the establishment in acquiring these materials.

The cost reported for materials, etc., received from other plants of your company or from a central materials depot (whether at the same or different physical location) should approximate the commercial values of these materials plus freight and other direct handling charges. Wherever possible, these figures should be checked with the values reported by the plant producing and transferring the goods and should exceed the shipment values reported for the producing plant by the addition of freight or other direct handling charges involved.

Item 6a. Cost of Materials, Parts, Components, Containers, Supplies, Etc., Consumed.—The figures reported in Item 6a should cover materials, supplies, etc., which were: (1) put into production, (2) used as operating supplies, (3) used in repair and maintenance, and (4) owned by you but consumed by other companies to make products for your establishment.

Report the total delivered cost of *all* raw materials, semi-finished goods, parts, components, containers, scrap, and supplies used or put into production during 1958 by this establishment. For semi-finished goods, parts, or components produced *during 1958* and incorporated into finished products at the same plant *during 1958*, include the cost of raw materials used rather than the value of the intermediate products.

Include only physical goods *used or put into production* and not services used or overhead charges. *Exclude* such services as advertising, telephone, telegram and cable, insurance, developmental and research services provided by other establishments, services of engineering, management, marketing and other professional consultants, etc., unless charges for such services are included in the prices paid for materials. *Exclude*, in addition, such overhead items as depreciation charges against plant and equipment, rent and rental allowances, interest payments, royalties, and patent fees. *Exclude* materials, supplies, machinery, and equipment which were used in the construction of new structures or additions to your plant, or new machinery and equipment, and which are chargeable to fixed assets accounts. Products purchased and

resold without further manufacture or processing or assembly should be included in *Item 6b*.

Item 6b. Cost of Products Bought and Resold Without Further Manufacture, Processing or Assembly in This Establishment During 1958.—Report the cost of all products bought and resold in the *same* condition as when purchased and not made part of another product manufactured by this establishment. (Total sales value of all products thus resold is to be reported in Item 18 on the line for "Resales.")

Item 6c. Fuels Consumed.—Report the total amount actually paid or payable during 1958 for all fuels consumed for heat, power, or the generation of electricity. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels and purchased steam. The cost of fuels used as raw materials (e. g., natural gas in the production of carbon black) should be included in Item 6a.

Item 6d. Purchased Electric Energy.—Report the total amount actually paid or payable for electric energy purchased during 1958 from other companies, or received from other establishments of your company. *Exclude* the value of electricity generated at this establishment.

Item 6e. Cost of Work Done for You by Others on Your Own Materials During 1958 (Contract Work).—If any work was done by others on production materials furnished by your establishment, report the total payments made during 1958 for such work, including freight out and in. *Exclude* the cost of materials worked on, which should be included in Item 6a.

Item 7. Inventories of This Establishment.—Where a company operates more than one establishment (i. e., plant, sales branch, retail stores, etc.) the inventories held by each establishment should be included on Census reports for that establishment. Inventories should be reported at approximate current costs, if feasible; otherwise at book values.

Item 8. Capital Expenditures for This Establishment During 1958 (Exclude expenditures for land).—Capital expenditures cover: New structures and additions (including major alterations, capitalized repairs and improvements) to your plant (whether on contract or by your own forces); new machinery and new equipment; capitalized repairs and improvements to your existing machinery and equipment; and "used" plant and equipment acquired from others. Such expenditures during 1958 may be determined by the following computation: Additions completed during the year, plus construction-in-progress at the end of the year, minus construction-in-progress at the beginning of the year.

Item 8a. New Structures and Additions to Plant.—Report total expenditures during 1958 for new construction, major alterations, capitalized repairs, and improvements of buildings (including all new elevators, cranes, heating and ventilating equipment, essentially a part of the buildings), other fixed structures (such as blast furnaces, brick kilns, fractionating towers, shipways, and similar types

of structures), and site improvements (such as roads, docks, tracks, parking lots, fences, utilities, etc.).

Item 8b. New Machinery and New Equipment.—Report total expenditures at this establishment for new production machinery and equipment and other new machinery and equipment. Include new machinery and equipment purchased for replacement purposes, as well as for additions to capacity. Include the value of improvements and capitalized repairs to machinery and equipment as well as the value of new machinery and equipment transferred from other establishments of this company or produced and used at this establishment. Include all new motors, lathes, punch presses and similar machinery and equipment for use in production, as well as all new office machines and fixtures, furniture, cafeteria and dressing room furnishings, automobiles and trucks and other similar equipment.

Item 8c. Used Plant and Used Equipment Acquired From Others.—Report total expenditures at this establishment for old or existing plant and for second-hand equipment acquired from others (including the U. S. Government).

Item 9. Quantity of Electric Energy Used During 1958.—Report all quantities of electrical energy in *thousands* of kilowatt-hours.

Item 9a. Purchased Electric Energy.—Enter the quantity of electric energy (in thousands of kilowatt-hours) for which the cost was reported on line 6d.

Item 9b. Generated Electric Energy.—Enter here the total quantity of electrical energy generated in this plant during 1958 although a part of such energy may have been sold or transferred.

Item 9c. Electric Energy Sold or Transferred to Other Plants.—Include here only that electrical energy which was *generated* in this establishment and then sold to

other companies or transferred to other plants of your company.

Items 10–15.—(See instructions on form.)

Item 16. Fuels Consumed During 1958.—(*This item is included on selected report forms.*) Report this item only if your total fuel cost reported in Item 6c is \$5 thousand or more. Include all fuels purchased from other companies or transferred from other establishments of your company. Do not include fuel that was produced and used at this establishment for power or heat; for example, fuel oil produced and consumed at petroleum refineries. Include fuel used as raw materials in Item 17; for example, crude petroleum, coal used in making coke, and gas used in making carbon black. Some forms provide for a check-box on type of fuel oil consumed. "Distillate (light)" fuel oil includes Grade Nos. 1 through 4 and P. S. 100 and 200. "Residual (heavy)" fuel oil includes Grade Nos. 5 and 6 and P. S. 300 and 400. If over 90 percent of the fuel oil used was of one type, check only the principal type.

If your gas is billed in therms, convert as follows:

- a. For natural gas—1 therm equals 100 cubic feet
- b. For manufactured gas—6 therms equal 100 cubic feet.

Items 17–22.—(See instructions on form.)

Item 23. Certification.—Enter the month and day of the beginning and end of year your report covers. If a calendar year report: "From January 1 to December 31, 1958;" if a fiscal year, specify which (such as "From December 1, 1957 to November 30, 1958).". If a part year report is submitted specify the actual period covered: for example, January 1, 1958 to August 15, 1958, or June 1 to December 31, 1958.

BUREAU OF THE CENSUS 1958 CENSUS OF MANUFACTURES										PLANT IDENTIFICATION	CARD TYPE	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	FIELD 6	FIELD 7	FIELD 8	FIELD 9	FIELD 10	LONG FORM CARD																			
0000000000										00	SERIAL NUMBER	LOCATION CODE	F G	FORM NUMBER RECODE	INITIAL INDUSTRY CODE	PRODUCTION WORKERS WAGES (000)	OTHER EMPLOYEES SALARIES (000)	TOTAL SALARIES AND WAGES (000)	PRODUCTION WORKERS																						
1111111111										01	NOVEMBER NUMBER	TOTAL QUARTER NUMBER	AVERAGE NUMBER	OTHER EMPLOYEES MARCH NUMBER	ALL EMPLOYEES AVERAGE NUMBER	JANUARY- MARCH (000)	APRIL- JUNE (000)	PRODUCTION WORKER MAN-HOURS JULY- SEPTEMBER (000)	OCTOBER- DECEMBER (000)	AUGUST NUMBER	TOTAL (000)																				
2222222222										02	COST OF MATERIALS, FUELS, ELECTRIC ENERGY, CONTRACT WORK, ETC.,										INVENTORIES AT END OF YEAR																				
3333333333										03	MATERIALS, PARTS, SUPPLIES, ETC. (000)	RESALES WITHOUT FURTHER MANUFACTURE (000)	FUELS PURCHASED AND CONSUMED (000)	PURCHASED ELECTRIC ENERGY (000)	CONTRACT WORK BY OTHERS (000)	TOTAL (000)	INVENTORIES AT BEGINNING OF YEAR			INVENTORIES AT END OF YEAR																					
4444444444										04	FINISHED PRODUCTS (000)	WORK-IN- PROCESS (000)	MATERIALS, SUPPLIES, ETC. (000)	TOTAL (000)	FINISHED PRODUCTS (000)	WORK-IN- PROCESS (000)	MATERIALS, SUPPLIES, ETC. (000)	TOTAL (000)	CAPITAL EXPENDITURES DURING YEAR				CAPITAL EXPENDITURES DURING YEAR																		
5555555555										05	NEW STRUCTURES AND ADDITIONS (000)	NEW MACHINERY AND EQUIPMENT (000)	USED PLANT AND EQUIPMENT (000)	TOTAL (000)	PURCHASED (000-KWH)	GENERATED (000-KWH)	SOLD OR TRANSFERRED (000-KWH)	FUEL CODE			FUEL CODE																				
6666666666										06	QUANTITY		COST (000)	QUANTITY		COST (000)	QUANTITY		COST (000)	QUANTITY			COST (000)	QUANTITY		COST (000)															
7777777777										07	MATERIAL CODE	QUANTITY	COST (000)	QUANTITY PRODUCED AND CONSUMED	MINIMUM CONSUMPTION CODE	QUANTITY			COST (000)	QUANTITY			COST (000)	QUANTITY			COST (000)														
8888888888										08	PRODUCT CODE	QUANTITY OF PRODUCTION	QUANTITY OF SHIPMENTS AND TRANSFERS	VALUE OF SHIPMENTS AND TRANSFERS (000)	QUANTITY OF TRANSFERS	VALUE OF TRANSFERS (000)	QUANTITY PRODUCED AND CONSUMED	← MULTIPLE USE COLUMNS →			← MULTIPLE USE COLUMNS →																				
9999999999										09	ITEM CODE	← MULTIPLE USE COLUMNS →										← MULTIPLE USE COLUMNS →																			
12345678910										11	12345678910										12345678910										12345678910										
112345678910										12	112345678910										112345678910										112345678910										
12345678910										13	12345678910										12345678910										12345678910										
134567891011										14	134567891011										134567891011										134567891011										
14567891011										15	14567891011										14567891011										14567891011										
156789101112										16	156789101112										156789101112										156789101112										
16789101112										17	16789101112										16789101112										16789101112										
178910111213										18	178910111213										178910111213										178910111213										
18910111213										19	18910111213										18910111213										18910111213										
19011121314										20	19011121314										19011121314										19011121314										
20112131415										21	20112131415										20112131415										20112131415										
21213141516										22	21213141516										21213141516										21213141516										
22314151617										23	22314151617										22314151617										22314151617										
23415161718										24	23415161718										23415161718										23415161718										
24516171819										25	24516171819										24516171819										24516171819										
25617181920										26	25617181920										25617181920										25617181920										
26718192021										27	26718192021										26718192021										26718192021										
27819202122										28	27819202122										27819202122										27819202122										
28920212223										29	28920212223										28920212223										28920212223										
29021222324										30	29021222324										29021222324										29021222324										
30122232425										31	30122232425										30122232425										30122232425										
31223242526										32	31223242526										31223242526										31223242526										
32324252627										33	32324252627										32324252627										32324252627										
33425262728										34	33425262728										33425262728										33425262728										
34526272829										35	34526272829										34526272829										34526272829										
35627282930										36	35627282930										35627282930										35627282930										
36728293031										37	36728293031										36728293031										36728293031										
37829303132										38	37829303132										37829303132										37829303132										
38930313233										39	38930313233										38930313233										38930313233										
39031323334										40	39031323334										39031323334										39031323334										
40132333435										41	40132333435										40132333435										40132333435										
41233343536										42	41233343536										41233343536										41233343536										
42334353637										43	42334353637										42334353637										42334353637										
43435363738										44	43435363738										43435363738										43435363738										
44536373839										45	44536373839										44536373839										44536373839										
45637383940										46	45637383940										45637383940										45637383940										
46738394041										47	46738394041										46738394041										46738394041										
47839404142										48	47839404142										47839404142										47839404142										
48940414243										49	48940414243										48940414243										48940414243										
49041424344										50	49041424344										49041424344										49041424344										
50142434445										51	50142434445										50142434445										50142434445										
51243444546										52	51243444546										51243444546										51243444546										
52344454647										53	52344454647										52344454647										52344454647										
53445464748										54	53445464748										53445464748										53445464748										
54546474849										55	54546474849										54546474849										54546474849										
55647484950										56	55647484950										55647484950										55647484950										
56748495051										57	56748495051										56748495051										56748495051										
57849505152										58	57849505152										57849505152										57849505152										
58950515253										59	58950515253										58950515253										58950515253										
59051525354										60	59051525354										59051525354										59051525354										
60152535455										61	60152535455										60152535455										60152535455										
61253545556										62	61253545556										61253545556										61253545556										
62354555657										63	62354555657										62354555657										62354555657										
63455565758										64	63455565758										63455565758										63455565758										
64556575859										65	64556575859										64556575859										64556575859										
65657585960										66	65657585960										65657585960										65657585960										
66758596061										67	66758596061										66758596061										66758596061										
67859606162										68	67859606162										67859606162										67859606162										
68960616263										69	68960616263										68960616263										68960616263										
69061626364										70	69061626364										69061626364										69061626364										
70162636465										71	70162636465										70162636465										70162636465										
71263646566										72	71263646566										71263646566										71263646566										
72364656667										73	72364656667										72364656667										72364656667										
73465666768										74	73465666768										73465666768										73465666768										
74566676869										75	74566676869										74566676869										74566676869										
75667686970										76	75667686970										75667686970										75667686970										
76768697071										77	76768697071										76768697071										76768697071										
77869707172										78	77869707172										77869707172										77869707172										
78970717273										79	78970717273										78970717273										78970717273										
79071727374										80	79071727374										79071727374										79071727374										

INST.
MC-35Q

Department of Commerce
Bureau of the Census

1958 CENSUS OF MANUFACTURES
Supplemental Instructions for Form MC-35Q, "Industrial Furnaces
and Ovens"

The following instructions supplement the "General Instructions to Manufacturers
for Preparing Reports"

INSTALLATION (OR CONSTRUCTION) OF PRODUCTS OF YOUR OWN MANUFACTURE

(These instructions apply to companies engaged in installing or erecting their own manufactured products.)

Where your product is installed or erected by a labor force separate from the regular force attached to your manufacturing establishment, do not include installation costs.—The separate labor force may consist either of a distinct group of your employees not attached to your manufacturing plant, or of local labor hired by you in the field, or a combination of both of these. This labor force should be omitted from the sections on employment and payrolls (Items 3 and 4); the value of the installation services should not be included in the section on products shipped (Item 18); and, the amounts reported for cost of materials, etc. (Item 6), should be restricted to factory operations. However, include in Items 3b and 4g engineering and supervisory personnel on your regular plant payroll who may be engaged in installing or testing your products. If your records do not provide exact figures to serve as the basis for segregating these installation costs, carefully prepared estimates will be acceptable.

When your product is installed or erected by the regular labor force of your manufacturing plant, operating out of the plant itself, installation costs and the value of installation services should be included.—In installations of this type the employees will not be a separate group of workers located away from the premises of the manufacturing plant.

Include these workers engaged in installing your products in Items 3 and 4, "Payrolls and Employment 1958."

Receipts for installation services should be reported separately on line 21, Item 18.

Do not include these receipts in the value of industrial furnaces and ovens as reported on lines 1-11, Item 18.

If your records do not provide exact figures on the value of installation work, carefully prepared estimates will be acceptable.

In no case should installation costs (or the value of the service) be included in your report where the installing or erecting is performed by a separate company, whether the services of that company have been contracted for by your customer or by yourself.

Please state in the Remarks Section of this form whether you install or erect your manufactured products.—If you do such installing or erecting, you should further indicate whether or not the installation costs and value of such services are included in your report (using the above instructions as the basis for reporting).

Return this copy to
Bureau of Census**ORIGINAL**Form 36Z
MC-36ZU. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS**1958 CENSUS OF MANUFACTURES
ELECTRICAL MACHINERY, EQUIPMENT,
AND SUPPLIES**

0	CENSUS USE ONLY	Location	F/O
0-1	0-2		

PLEASE READ ENCLOSED INSTRUCTIONS BEFORE COMPLETING REPORT.Please complete and return this form to the Bureau of Census, Jeffersonville, Indiana,
not later than 30 days after you receive it.

NAME

**ITEM 1A
NAME OF
ESTABLISHMENT**(In answering Item 1B, parts (1) through (5) below, be sure your answers relate to the **ACTUAL**
PHYSICAL LOCATION of your establishment, which may be different from its mailing address.)

1. STATE

2. COUNTY

**ITEM 1B
LOCATION OF
ESTABLISHMENT**3. Is this establishment within the legal boundary Yes ☐ No ☐
of a municipality?

If "Yes,"

(a) Enter name of the municipality. (Enter name only if establish-
ment is within legal boundary)

(b) Type of municipality. (Check applicable box)

☐ City ☐ Village ☐ Borough☐ Other (Specify) _____4. STREET AND NUMBER AT ESTABLISHMENT LOCATION (If establishment location cannot be
described by street and number, give name (and number, if any) of road or highway and suf-
ficient information to locate establishment, e. g., Rt. 25, 3 miles South of Charlottesville.)For establishments
in New England,
New Jersey, and
Pennsylvania5. Is this establishment within a town
or township?Yes ☐ No ☐

IF "YES," ENTER NAME OF TOWN OR TOWNSHIP

Form approved; Budget Bureau No. 41-58101.

CONFIDENTIAL.—This report is required by Act of Congress, approved August 31,
1954, (13 U. S. C. 131 and 224). Your report is confidential and only sworn Census
employees will have access to it. It cannot be used for purposes of taxation, investi-
gation or regulation.In correspondence pertaining to this report
please refer to this file number

MC-36Z (3630)



(Please correct any errors in name and address)

**ITEM 2A
FEDERAL SOCIAL
SECURITY
EMPLOYER
IDENTIFICATION
NUMBER**Federal Social Security Employer Identification Number of this es-
tablishment (Item 10 of Employer's Quarterly Tax Report, Treasury
Form 941)

(Enter all 9 digits)

**ITEM 2B
COMPANY
ORGANIZATION**(a) Does this company operate more than one place of business
under the same Employer Identification Number (Item 10 of
Employer's Quarterly Tax Report, Treasury Form 941)?Yes ☐ No ☐

(b) Does this company own or control another company?

Yes ☐ No ☐(c) Is this company owned or controlled by another company?
If "Yes," is checked in Part (c), give name and address of own-
ing or controlling company.Yes ☐ No ☐

(Check one)

(1) ☐ Individual proprietor(x) ☐ Partnership (Specify number of working partners _____)(0) ☐ Corporation (Do not include any form of coop. ass'n)(8) ☐ Cooperative association (corporate or noncorporate)(9) ☐ Other (Specify) _____

IMPORTANT—Enter all value figures in THOUSANDS OF DOLLARS

ITEM 3 TOTAL 1958 PAYROLLS		Total 1958 payrolls: wages, salaries, bonuses, commissions and other remunerations paid in entire year 1958, before deductions. (Exclude payments to proprietors or partners, if an unincorporated firm. You may follow the definition of salaries and wages that is used for calculating the withholding tax.)				Amount (Thousands of dollars)		Key
						\$		0-5
ITEM 4 NUMBER OF PAID EMPLOYEES		Total number of paid employees during the pay period ended nearest the 15th of the following months in 1958. (Exclude proprietor or partners, if an unincorporated concern. You may follow the definition of employees specified by your State Employment Security Agency.)				March 0-6		May 0-7
						August 0-8		November 0-9 *
ITEM 5		(Not applicable to this industry)						
ITEM 6 COST OF MATERIALS, FUELS, ELECTRICITY, ETC.						Cost (Thousands of dollars)		1
		a. Cost of materials, parts, components, supplies, containers, fuel and electric energy consumed during 1958				\$		1-1
		b. Cost of products bought and resold without further manufacture, processing, or assembly in this establishment during 1958				\$		1-2
		c. Cost of work done for you by others on your own materials (contract work) during 1958				\$		1-3
		d. Total cost (Sum of a, b, and c)				\$		1-4
ITEM 7 INVENTORIES OF THIS ESTABLISH- MENT		(Report value of all inventories of this establishment, including finished products, work-in-process, materials, supplies, fuel, etc. Do not include goods held by you, but owned by others.)				Value (Thousands of dollars)		
		a. Beginning of 1958 inventories				\$		1-5
		b. End of 1958 inventories				\$		1-6
ITEM 8 CAPITAL EXPENDI- TURES DURING 1958		Report all expenditures during 1958 for new plant, new equipment, and new machinery that are chargeable to the fixed assets accounts of this establishment and are of the type for which depreciation accounts are maintained. Include major alterations and capitalized repairs but do not include expenditures for land or for used plant and equipment. If no capital expenditures were made during the year, insert "None."				Amount (Thousands of dollars)		
						\$		1-7 *
ITEMS 9-17		(Not applicable to this industry)						

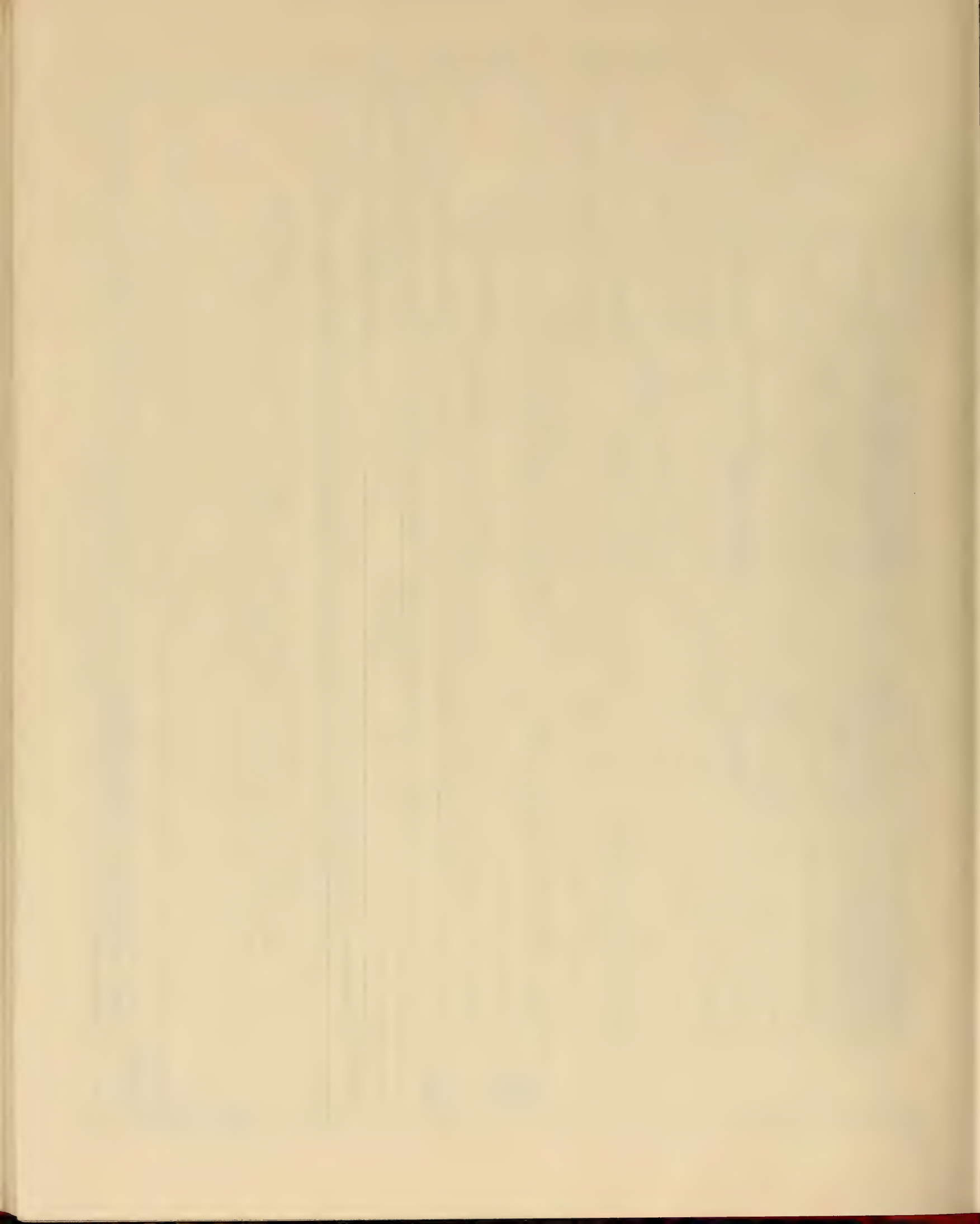
(OVER)

Form MC-36Z—Electric Machinery, Equipment, and Supplies—Continued

Page 2

ITEM 18 PRODUCTS AND SERVICES OF THIS ESTABLISH- MENT DURING 1958		Nature of Activity—Describe briefly the kinds of activity at this establishment. Cover all activities, both manufacturing and nonmanufacturing. For manufactured products, indicate process of manufacture, materials used, and type of products made. Examples: "Make mica parts for radios," "Rebuild TV picture tubes," "Assemble electric sockets," "Rewind motors."					
REPORT ALL VALUE FIGURES IN THOUSANDS OF DOLLARS							
Enter on line 39, Column E below the total receipts from products shipped or services sold by this establishment during 1958. Account for all receipts of this establishment. Then report separately in Column E the value of shipments of each product listed. Do not combine product lines.							
If some or all of the products you made in 1958 are not listed, please list each such product on a separate line under "All other products" (lines 31-35) and enter in Column E the 1958 value of shipments.							
a. Products Made in this Establishment	Product class description A	Line No. 7	Product class code B	Value of shipments and receipts (In thousands of dollars) E	Product class code B	Line No. 7	Value of shipments and receipts (In thousands of dollars) E
	Wiring devices, current carrying	1	36111 99	8 \$			
	Wiring devices, noncurrent carrying	2	36112 99	1 \$			
	Integrating instruments, electric	3	36131 99	0 \$			
	Test equipment for testing electrical, radio, and communication circuits and motors	4	36132 99	3 \$			
	Other electrical measuring instruments (except tripping transformers) (Specify kind)	5	36133 97	0 \$			
	Rewinding electric motors	6	95120 51	5 \$			
	Parts for motors and generators	7	36146 11	4 \$			
	Parts for electric transformers	8	36153 99	8 \$			
	Industrial electrical control equipment except railway and motor vehicle controllers	9	36162 99	6 \$			
	Arc welding machines, components and accessories excluding electrodes	10	36171 99	4 \$			
	Arc welding electrodes	11	36172 99	7 \$			
	Electrical equipment for internal combustion engines except ignition harness and cable sets	17	36412 99	0 \$			
	Photograph needles and cutting styli	18	36611 00	7 \$			
	Radio and T.V. broadcast equipment, radar and sonar equipment; broadcast antennas; transceivers	19	36614 99	2 \$			
	Electronic type components for communications equipment	20	36615 99	5 \$			
	Recorders (except office wire and tape dictating machines) and recording wire and tape; amplifiers; projection audio equipment; public address systems	21	36616 99	8 \$			
	Picture tubes, TV, including rebuilt	22	36621 99	4 \$			
	Phonograph records	23	36631 99	5 \$			
	Intercommunication equipment; railroad signals, electric	24	36691 11	9 \$			
	Street traffic electric signals	25	36693 11	5 \$			
	Storage batteries, SLI type	26	36911 99	2 \$			
	Medical, dental, and industrial X-ray equipment, components, and tubes	27	36931 99	4 \$			

High frequency induction and dielectric heating apparatus	12	36191 99	6	\$			28	36932 99	7	\$
Coil windings, electrical	13	36193 81	7	\$						
Electric fans, except industrial type	14	36211 99	1	\$			29	36993 99	6	\$
Small electrical appliances, household	15	36213 99	7	\$						
Insulated wire and cable, except communication	16	36312 99	7	\$			30	36313 99	0	\$
All other products (Specify kind)							31			\$
							32			\$
							33			\$
							34			\$
							35			\$
b. Miscellaneous Receipts	Receipts for work done for others on their own materials (Contract work). (Describe products worked on and kind of work)									
							36	93000 99	6	\$
c. Resales	Receipts for repair work, installation of own products, and sale of scrap and refuse									
							37	99980 99	7	\$
	Sales of products bought and resold without further manufacture, processing, or assembly in this establishment									
							38	99989 99	4	\$
d. Total— (Sum of lines 1-38)							39	77000 99	4	\$
ITEMS 19-22	(Not applicable to this industry).									
Remarks										
ITEM 23 CERTIFICATION	This report is substantially accurate and prepared by _____ on _____ Signature _____ Date _____									



APPENDIX E.—PROVISIONS OF LAW RELATING TO CENSUS OF MANUFACTURES

(From Title 13 United States Code)

SECTION 131. The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses, including the distributive trades, service establishments, and transportation (exclusive of means of transportation for which statistics are required by law to be filed with, and are compiled and published by, a designated regulatory body), in the year 1954 and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof: Provided, That the censuses of manufactures, of mineral industries, and of other businesses, including the distributive trades and service establishments, directed to be taken in the year 1954 relating to the year 1953, shall be taken instead in the year 1955 relating to year 1954. The censuses provided for in this section shall include the United States and its Territories and such Possessions as the Secretary may determine.

SECTION 224. Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge

all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than \$500 or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such question, he shall be fined not more than \$10,000 or imprisoned not more than one year, or both.

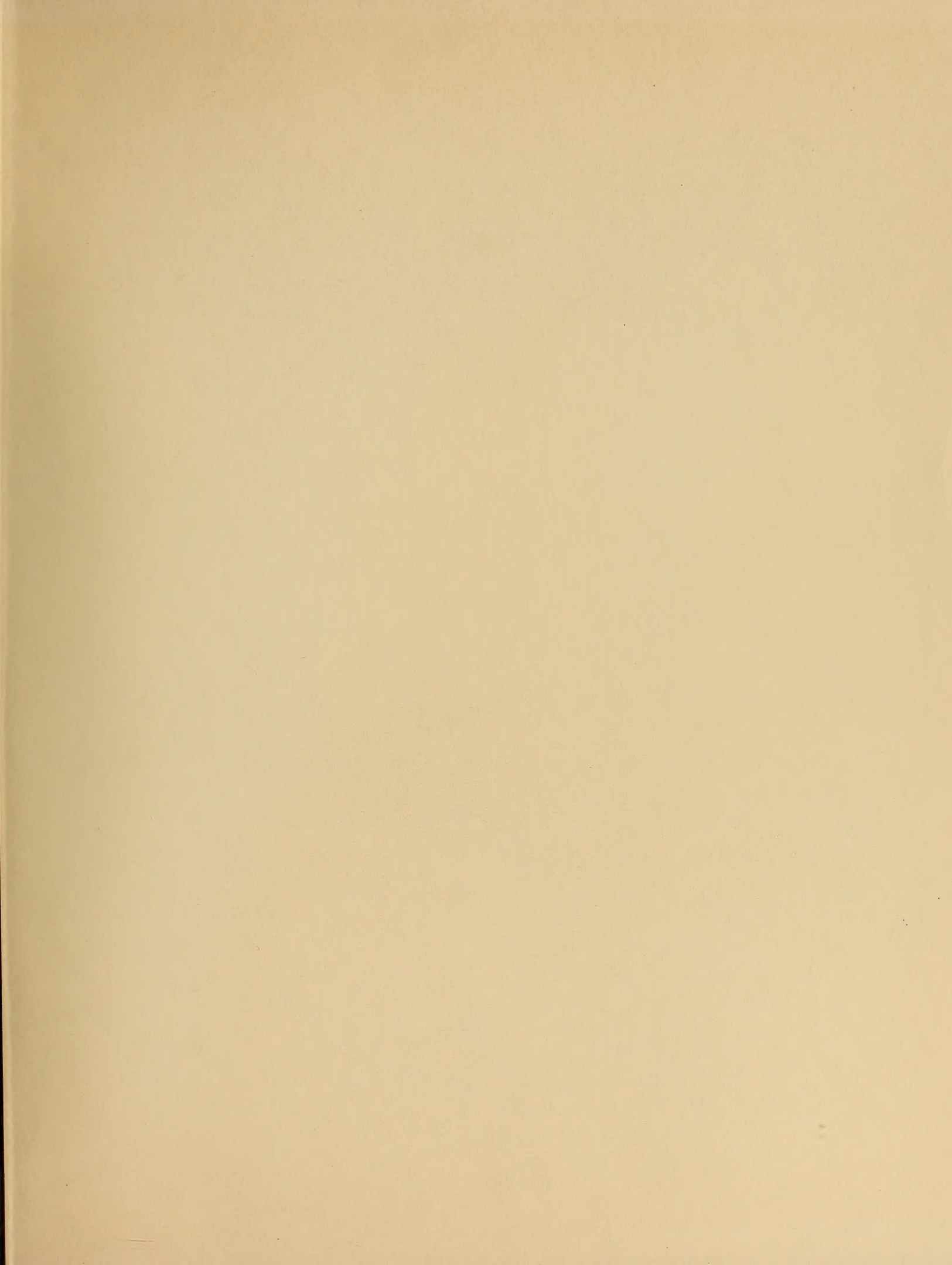
SECTION 9. (a) Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof, may . . .

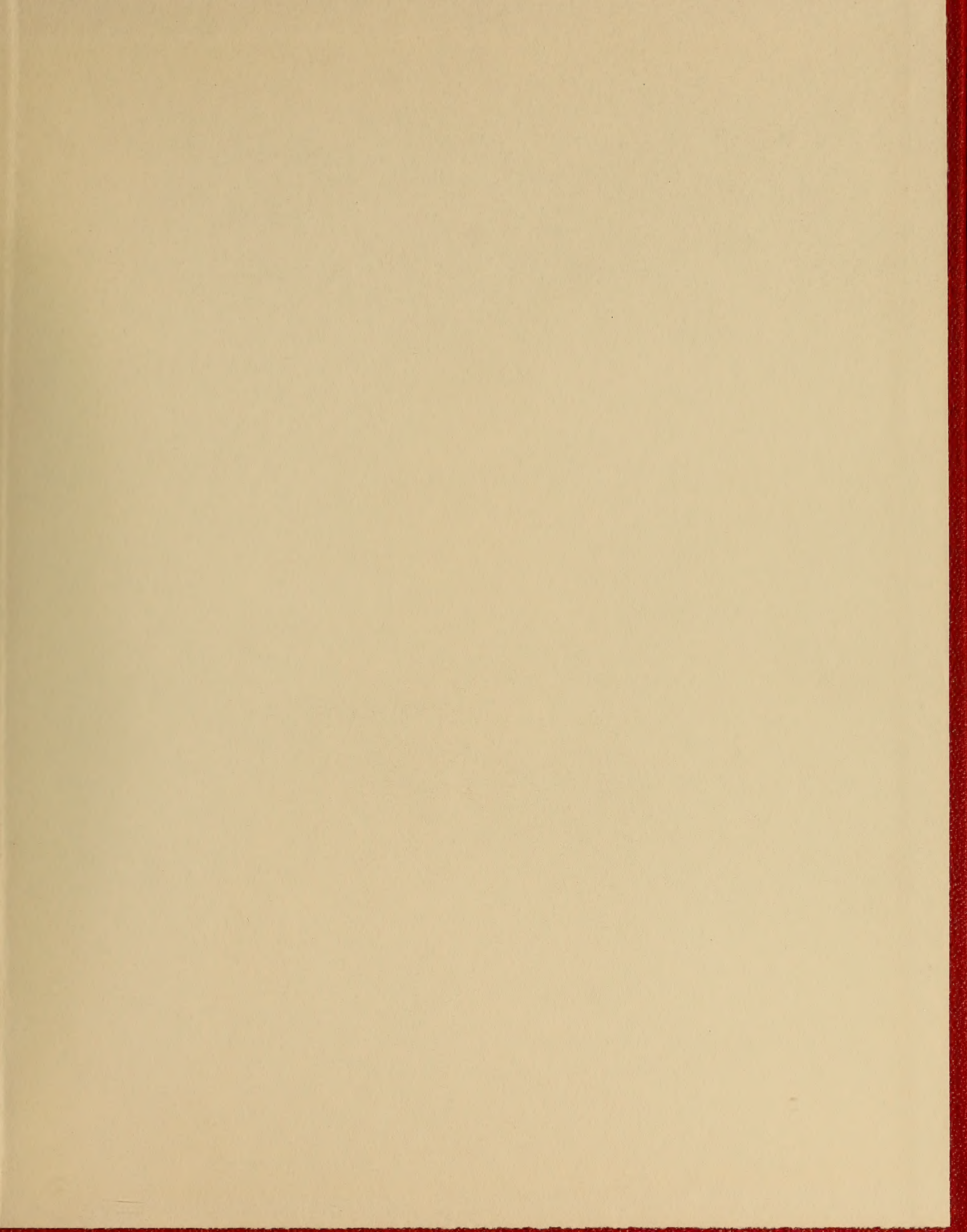
(1) use the information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied; or

(2) make any publication whereby the data furnished by any particular establishment or individual under this title can be identified; or

(3) permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports.

E-1





CB/Bureau of the Census Library



5 0673 01119661 8